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Economic Research Aid

ESTIMATED NUMBER, VALUE, AND DISTRIBUTION  
OF MERCHANT SHIPS  
CONSTRUCTED BY AND FOR THE SINO-SOVIET BLOC  
1959 AND 1960



CIA/RR A.ERA 61-5

August 1961

CENTRAL INTELLIGENCE AGENCY

Office of Research and Reports

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This material contains information affecting  
the National Defense of the United States  
within the meaning of the espionage laws,  
Title 18, USC, Secs. 793 and 794, the trans-  
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FOREWORD

This research aid is the second in a series of annual studies on the construction, value, and distribution of merchant ships produced by and for the Sino-Soviet Bloc. This publication revises and updates the data on construction and value in the initial report, CIA/RR ER 61-10, Estimates of Production, Value, and Distribution of Merchant Ships Produced by and for the Sino-Soviet Bloc, 1959, March 1961, SECRET.

Estimates of the construction of merchant ships for 1959 and 1960 are given in terms of the number of ships completed each year and in terms of the value of the ships as expressed in 1960 US dollars.

The detailed nature of the information, which would have involved numerous source references for each of many estimates, makes the inclusion of source references impractical, but source documentation for estimates is available in the files of this Office.

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ESTIMATED NUMBER, VALUE, AND DISTRIBUTION OF MERCHANT SHIPS  
CONSTRUCTED BY AND FOR THE SINO-SOVIET BLOC\*  
1959 and 1960

Summary

The estimated value of the construction of merchant ships in 1960 by and for the Sino-Soviet Bloc is \$1,218 million.\*\* Of this amount, \$149 million (or about 12 percent) was imported from the Free World, and \$50 million (or about 4 percent) was exported to the Free World.

Of the \$1,218 million value of total construction and import of new ships by the Sino-Soviet Bloc, \$925 million (or 76 percent) were built or imported by the USSR.\*\*\* Of this amount, maritime shipst (valued at \$477 million) accounted for 52 percent; fishing ships (valued at \$282 million) accounted for 30 percent; and inland-waterway ships (valued at \$166 million) accounted for 18 percent.

The tables in Part I give a detailed breakdown of the data on volume, value, and distribution of the construction of merchant ships by and for the Sino-Soviet Bloc for 1960, whereas Part II gives a similar breakdown for 1959.

A comparison of construction in 1960 with that in 1959 shows only minor differences. The real differences do not indicate any sort of trend, because they are largely due to timing and fluctuations in trade agreements. The estimated value of construction of merchant ships during 1959 by and for the Sino-Soviet Bloc is \$1,107 million. Of this amount, \$122 million (or 11 percent) was imported from the Free World, and \$34 million (or 3 percent) was exported to the Free World.

\* The estimates in this research aid represent the best judgment of this Office as of 1 June 1961.

\*\* Dollar values are given in 1960 US dollars throughout this research aid.

\*\*\* Ships listed in this research aid are considered to have been delivered by a shipyard, complete and ready for service, and the total value of the ship has been credited to the year of completion.

t Ships are classified according to the following major categories:  
(1) maritime -- ships engaged in oceangoing and coastal service including Caspian Sea; (2) fishing -- both inland and oceangoing ships; and (3) inland-waterway -- ships that operate on inland waterways excluding Caspian Sea. Because some ships are converted after completion to naval auxiliary and other services, the ships listed do not necessarily constitute additions to the several merchant fleets.

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I. Estimated Number, Value, and Distribution of Merchant Ships  
Constructed by and for the Sino-Soviet Bloc, 1960\*

\* Several abbreviations that are used repeatedly in the tables in this research aid may be defined as follows:

LSD (light ship displacement) is the weight, in tons of 2,240 pounds, of a complete ship, ready for service in every respect, including the weight of permanent ballast and liquids in the machinery at operating levels but excluding the weight of the members of the crew and their effects and any item of consumable or variable load such as stores, fuel, and cargo.

DWT (deadweight tonnage) is the carrying capacity of a ship, in tons of 2,240 pounds, including the members of the crew and their effects as well as the weight of all items of consumable or variable load such as stores, fuel, and cargo. The deadweight tonnage is the difference in tons between full load displacement and light ship displacement.

GRT (gross register tons) is a measure wherein the entire internal cubic capacity of the ship is expressed in register tons -- 100 cubic feet to the ton, not including certain spares such as peak tanks and other tanks of water ballast, open forecastle, bridge and poop, hatchway excess, certain light and air spares, anchor gear, steering gear, wheelhouse, galley, cabins for passengers, and other minor spares specified by law.

The dearth of information concerning inland-waterway ships makes a detailed breakdown of construction of these ships impractical. Data on ships of this kind are therefore shown only in the summary tables for each country.

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Table 1

Summary of the Value and Distribution of Merchant Ships Constructed by and for the Sino-Soviet Bloc  
by Type of Ship in  
1960

Country of Origin	Type	Distribution						Million 1960 US \$	
		Sino-Soviet Bloc Countries				Non-Bloc Countries			
		USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Bloc Countries Value	Country		
Sino-Soviet Bloc									
USSR	Maritime								
	Cargo	40.9	40.9						
	Tanker	55.0	55.0						
	Refrigerator	23.4	23.4						
	Miscellaneous	32.3	32.3						
	Fishing	157.6	157.6						
	Inland-waterway	106.3	106.3						
Total USSR		<u>415.5</u>	<u>415.5</u>						
Poland	Maritime								
	Cargo	145.4	54.7	53.8					
	Fishing	82.1	60.6	15.2					
Total Poland		<u>227.5</u>	<u>115.3</u>	<u>69.0</u>					
Excluding a few miscellaneous small ships.									
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Table 1

Summary of the Value and Distribution of Merchant Ships Constructed by and for the Sino-Soviet Bloc  
by Type of Ship  
1960  
(Continued)

Country of Origin	Type	Value	Distribution				Non-Bloc Countries Value	Non-Bloc Countries Country
			USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)		
<b>Sino-Soviet Bloc (Continued)</b>								
East Germany	Maritime							
	Cargo	117.9	79.2	29.4		3.0	North Vietnam	2.1
	Tankers	2.1			2.1			4.2
	Miscellaneous	49.0	49.0					
	Fishing	65.1	63.7	1.4				
	Inland-waterway	13.8	12.0	1.8				
	Total East Germany	<u>247.9</u>	<u>203.9</u>	<u>3.0</u>				
Communist China	Maritime							
	Cargo	14.6			14.6			
	Tankers	3.1			3.1			
	Refrigerator	1.8			1.8			
	Miscellaneous	23.2		6.8		16.4		
	Inland-waterway	50.0				50.0		
	Total Communist China	<u>92.7</u>	<u>6.8</u>					
							85.9	

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Table 1

Summary of the Value and Distribution of Merchant Ships Constructed by and for the Sino-Soviet Bloc  
 by Type of Ship  
 1960  
 (Continued)

Country of Origin	Type	Value	Million 1960 US \$					
			Distribution			Non-Bloc Countries		
			Sino-Soviet Bloc Countries	Other Bloc Countries	Country	Value	Country	Value
<b>Sino-Soviet Bloc</b>								
Hungary	Maritime							
	Cargo	20.5	18.1			2.4	Hungary	
	Inland-waterway	15.2	13.8			1.2	Hungary	0.2
	Total Hungary	<u>35.7</u>	<u>31.9</u>			<u>3.6</u>		<u>0.2</u>
Bulgaria	Maritime							
	Cargo	4.8				0.4	Bulgaria	
	Tankers		7.5	7.5		2.2	Czechoslovakia	
	Miscellaneous	1.3	1.3			2.2	North Korea	
	Fishing	0.3				0.3	Bulgaria	
	Inland-waterway	3.2	3.2					
	Total Bulgaria	<u>17.1</u>	<u>12.0</u>			<u>5.1</u>		

Table 1

Summary of the Value and Distribution of Merchant Ships Constructed by and for the Sino-Soviet Bloc  
by Type of Ship  
1960  
(Continued)

Country of Origin	Type	Distribution				Non-Bloc Countries Value _____ Country _____	
		Sino-Soviet Bloc Countries					
		USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)		
Sino-Soviet Bloc							
Romania	Maritime						
	Cargo	9.2	6.0	6.0		9.2 Romania	
	Miscellaneous	6.0					
	Inland-waterway	6.9		6.9			
Total Romania		22.1		12.9		2.2	
Czechoslovakia	Inland-waterway	10.5		10.5			
Total Sino-Soviet Bloc		1,069.0	808.8	629.0	34.7	85.9	
Non-Bloc						49.7	
Denmark	Maritime						
	Cargo	20.3	14.1	6.2			
	Refrigerator	6.9	6.9				
Total Denmark		27.2	21.0	6.2			

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Table 1

Summary of the Value and Distribution of Merchant Ships Constructed by and for the Sino-Soviet Bloc  
 by Type of Ship  
 1960  
 (Continued)

Country of Origin	Type	Value	Distribution					
			Sino-Soviet Bloc Countries			Non-Bloc Countries		
			USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Bloc Countries Value	Country
Non-Bloc (Continued)								
Finland	Maritime							
	Cargo	29.4	29.4					
	Tankers	8.2	8.2					
	Miscellaneous	7.2	7.2					
	Inland-waterway	13.6	13.6					
Total Finland		<u>58.4</u>	<u>58.4</u>					
Italy	Maritime							
	Cargo	1.1						
Japan	Maritime							
	Tankers	<u>20.0</u>	<u>20.0</u>					
Netherlands	Maritime							
	Cargo	5.5						
	Tankers	7.3						
Total Netherlands		<u>12.8</u>	<u>7.3</u>					

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Table 1

Summary of the Value and Distribution of Merchant Ships Constructed by and for the Sino-Soviet Bloc  
by Type of Ship  
1960  
(Continued)

Country of Origin	Type	Value	Distribution						Non-Bloc Countries Value	Non-Bloc Countries Country
			USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Bloc Countries Value	Country		
<b>Non-Bloc (Continued)</b>										
West Germany	Maritime									
	Refrigerator	9.6		2.6						
Yugoslavia	Maritime									
	Cargo Tankers	13.2 6.7		13.2 6.7						
Total Yugoslavia		19.9		19.9						
Total Non-Bloc		149.0	116.3	31.6			1.1			
Grand total		1,218.0	925.1	100.6	34.7	85.9	22.0		49.7	

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Table 2

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by the USSR  
by Type of Ship a/  
1960

Type	Number	Tons			Million 1960 US \$			
		LSD	DWT	GRT	Value	Distribution		
						Sino-Soviet Bloc Countries	Poland	East Germany
Maritime						Communist China	Other Bloc Countries	Non-Bloc Countries
Cargo	10	30,410	75,130	58,420	40.9	40.9		
Tankers	13	50,220	131,760	95,900	55.0	55.0		
Refrigerator	4	15,200	13,080	17,500	23.4	23.4		
Miscellaneous	N.A.	21,380	N.A.	23,160	32.3	32.3		
Total maritime	<u>27 b/</u>	<u>117,810</u>	<u>220,270 b/</u>	<u>194,980</u>	<u>151.6</u>	<u>151.6</u>		
Fishing								
Crab cannery	1	8,810	6,250	10,700	13.2	13.2		
British-factory trawlers	12	27,840	15,360	38,040	41.8	41.8		
Whale catchers								
Whale catchers	13	12,220	4,030	10,920	19.6	19.6		
Whale catchers								
Trawlers, seiners, and the like	N.A.	68,400	N.A.	60,000	83.0	83.0		
Total fishing	N.A.	<u>117,270</u>	N.A.	<u>119,660</u>	<u>157.6</u>	<u>157.6</u>		
Land-waterway								
Self-propelled	N.A.	(14,200 horsepower) (240,000 tons cargo-carrying capacity)		84.7	84.7	84.7		
Non-self-propelled	N.A.							
Total inland (value only)								
Grand total (value only)								

Excluding a few miscellaneous small ships.

b. Excluding 2 passenger ships, 1 research ship, and an unknown number of tugs.

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Table 3

Estimated Value of Maritime Cargo Ships, Tankers, Refrigerator Ships,  
and Miscellaneous Ships Constructed by the USSR  
1960

Type and Class	Number	Value	Distribution						Value in Terms of Million 1960 US \$					
			Sino-Soviet Bloc Countries						Non-Bloc Countries					
			USSR	Poland	East Germany	Communist China	Other Bloc Countries	Number	Value	Number	Value	Country	Number	Value
Cargo														
Leningr. Komsonol	3	22.4		3		22.4								
Parlin Vinogradov	1	4.4		1		4.4								
Inzhener Belov	6	14.1		6	/	14.1								
Total cargo	10	40.9		10		40.9								
Tankers														
Kazbek	6	31.3		6		31.3								
Pekin	2	18.3		2		18.3								
Kirobi	5	5.4		5		5.4								
Total tankers	12	55.0		12		55.0								
Refrigerator ships														
Sevastopol	2	14.3		2		14.3								
Tavriya	2	9.1		2		9.1								
Total refrigerator	4	23.4		4		23.4								
Assigned to Caspian Sea service.														

Assigned to Caspian Sea service.

Table 3

Estimated Value of Maritime Cargo Ships, Tankers, Refrigerator Ships,  
and Miscellaneous Ships Constructed by the USSR  
1960  
(Continued.)

Type and Class	Number	Value	Distribution				Value in Terms of Million 1960 JS \$						
			Sino-Soviet Bloc Countries		Other Bloc Countries		Non-Bloc Countries						
		USSR	Poland	East Germany	Communist China	Other	Bloc Country	Number	Value	Country	Number	Value	Country
Miscellaneous													
Passenger													
Kirgizstan	2	10.8	2	10.8									
Biographic survey													
Troyekov	1	3.5	1	3.5									
Various	N.A.	18.0	N.A.	18.0									
Total miscellaneous	N.A.	32.3	N.A.	32.3									

Table 4

Estimated Value of Fishing Ships Constructed by the USSR  
1960

Value in Terms of Million 1960 US \$

Type	Distribution						Non-Bloc Countries					
	Sino-Soviet Bloc			Other Bloc Countries			Communist China			Other Bloc Countries		
	USSR	Poland	East Germany	Number	Value	Number	Value	Number	Value	Number	Value	Country
ab cannery	1	13.2	1	13.2								
sh-factory trawlers	12	41.8	12	41.8								
ale catchers	13	19.6	13	19.6								
Trawlers, seiners, and the like	N.A.	83.0	N.A.	83.0								
Total	N.A.	<u>157.6</u>	N.A.	<u>157.6</u>								

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Table 5  
Estimated Number and Distribution of Maritime Cargo Ships Constructed by the USSR, by Shipyard  
1960

Class of Ship and Shipyard	Number of Ships	Names of Ships	Units				Distribution					
			Tons		Cumulative Construction Through 1960		Sino-Soviet Bloc Countries			Non-Bloc Countries		
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	
<u>Minskij Komsomol</u>												
No. 102, Kherson	2	<u>Metalurg Baykov</u> <u>Metalurg Kurako</u>	11,920	31,580	24,180	3						
No. 444, Nikoleyev	1	<u>Fizik Lebedev</u>	5,960	15,790	12,090	2						
Total	3		<u>17,880</u>	<u>47,370</u>	<u>36,270</u>	5						
<u>Petlin Vinogradov</u>												
No. 189, Leningrad	1	<u>Petlin Vinogradov</u>	3,110	6,160	4,750	1						
<u>Lehener Below</u>												
<u>Nordovshchikovo Navashino</u>	6	<u>Batu</u> <u>Aghdam</u> <u>Aksarfa</u> <u>Shemoka</u> <u>Geokchay</u> <u>Muzrab</u>	2,420	21,200	17,400	8						
Total	10		<u>30,410</u>	<u>75,430</u>	<u>58,420</u>	<u>14</u>						
Assigned to Caspian Sea service.												

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Table 6

Estimated Number and Distribution of Maritime Tankers Constructed by the USSR, by Shipyard  
1960

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Units		
			LSD	DWT	GRT	Distribution		
						Sino-Soviet Bloc Countries	Other Bloc Countries	Non-Bloc Countries
Zebek								
No. 194, Leningrad	2	Yelsh Lepeva	9,840	22,500	16,460	23	2	
No. 102, Kherson	4	Rotno Kremenchug Sumy Rava, Russkaya	18,960	45,000	32,920	30	4	
Total	6		28,800	67,500	49,380	66	6	
Kokin								
No. 189, Leningrad	2		18,320	59,960	42,520	3	2	
Sobi								
No. 190, Leningrad	5		3,100	4,300	4,000	50	5	b/
Grand total	13		50,220	131,760	95,900	119	13	

Including 13 tankers produced by Shipyard No. 444, Nikolayev.  
Three tankers were assigned to the Soviet navy and 2 tankers were assigned to the Soviet fishing fleet.

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Table 7

Estimated Number and Distribution of Maritime Refrigerator Ships Constructed by the USSR  
by Shipyard  
1960

Class Ship and Shipyard	Number of Ships	Names of Ships	Tons			Distribution					
			LSD	DWT	GRT	Sino-Soviet Bloc Countries			Other Bloc Countries		
						Cumulative Construction Through 1960	USSR	Poland	East Germany	Communist China	Other China
<u>Sevastopol</u>											
No. 189, Leningrad	2	<u>Simferopol</u> & <u>Arsenyev</u>	9,500	8,160	11,040	4					
<u>Odessa</u>											
Black Sea Area	2	<u>Volzhsk</u> <u>Dalnevostochnyy</u>	5,700	4,920	6,460	3					
Total	<u>4</u>		<u>15,200</u>	<u>13,080</u>	<u>17,500</u>	<u>7</u>					
Formerly <u>Usurinsk</u> .											

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Table 8

Estimated Number and Distribution of Miscellaneous Maritime Ships Constructed by the USSR  
by Shipyard  
1960

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units				Distribution				
			Tons		Cumulative		Sino-Soviet Bloc Countries				
			LSD	DWT	GRT	Construction Through 1960	USSR	Poland	East Germany	Communist China	Other Bloc Countries
<u>Passenger</u>											
<u>Kirgizstan</u>	No. 170, Leningrad	2	<u>Moldaviya</u> <u>Svanetiya</u>	4,680	1,140	6,440	3		2		
<u>Hydrographic survey</u>											
<u>Voyevikov</u>	No. 444, Nikolayev	1	<u>Yu. M. Shokalskiy</u>	2,300	N.A.	3,220	2		1		
<u>Various</u>											
Total miscellaneous	N.A.			15,000	N.A.	13,500	N.A.	N.A.	N.A.		
Total miscellaneous	N.A.			21,980	N.A.	23,160	N.A.	N.A.	N.A.		

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Table 9

Estimated Number and Distribution of Fishing Ships Constructed by the USSR, by Shipyard  
1960

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1960		Distribution			
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries
ab cannery										
No. 194, Leningrad	1	Andre Zakharov	8,810	6,250	10,700	1				
High-factory trawlers										
No. 444, Nikolayev	12	Mamin Sibiryak Dmitri Furmanov Amursk Arseyev Kristall Almaz Edwards Verdenbaums Nikolay Ostrovskiy Zigmas Angarretis Izumrud Yantar Granat	27,840	15,360	38,040	31				
Whale catchers										
No. 445, Nikolayev	13		12,220	4,030	10,920	44				
Trawlers, seiners, and the like										
Various	N.A.		68,400	N.A.	60,000	N.A.				
Total	N.A.		117,270	N.A.	119,660	N.A.				
			<b>- 19 -</b>							

Table 10

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Poland a/  
1960

Type	Number	Million 1960 US \$							
		Tons				Distribution			
		LSD	DWT	GRW	Value	USSR	Poland	East Germany	Communist China
<b>Maritime</b>									
Cargo	40	105,950	203,970	166,730	145.4	54.7	53.8		
									36.9
<b>Fishing</b>									
Fish-factory trawlers	4	9,060	4,880	10,680	13.6	10.2	3.4		
Fishing base	4	30,240	38,840	40,120	42.4	42.4			
Trawlers and cutters	31	17,480	7,995	12,290	26.1	8.0	11.8		
Total fishing	32	56,780	51,715	63,090	82.1	60.6	15.2		
Grand total	79	162,730	255,685	229,820	227.5	115.3	69.0		

Excluding a few miscellaneous small ships.

Table 11

Estimated Value of Maritime Cargo Ships Constructed by Poland  
1960

Value in Terms of Million 1960 US \$												
Distribution												
Sino-Soviet Bloc Countries												
USSR	Poland	East Germany	Other Bloc Countries						Non-Bloc Countries			
Class	Number	Value	Number	Value	Number	Value	Number	Value	Country	Number	Value	Country
Dobass (B-31)	11	34.1	5	15.5								
Marcinko Novotko (B-54)	7	47.6	3	20.4	4	27.2						
Konica (B-55)	3	11.4			3	11.4						
Goplana (B-57)	2	2.4			2	2.4						
Odra (B-59)	5	18.5			2	7.4						
Rzepitan (B-471)	6	7.2										
Wojciech (B-513)	2	5.4			2	5.4						
Vigoles (B-514)	4	18.8	4	18.8								
Total	40	145.4	12	24.7	13	53.8				15	36.2	

Table 12  
Estimated Value of Fishing Ships Constructed by Poland  
1960

		Value in Terms of Million 1960 US \$					
		Distribution					
		Sino-Soviet Bloc Countries					
Type and Class	Number	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries
		Number	Value	Number	Value	Number	Value
<u>factory trawler</u>							
<u>Telenodolsk (B-14)</u>	11	17.6	5	8.0	6	9.6	
<u>factory trawler</u>							
<u>Leskov (B-15)</u>	4	13.6	3	10.2	1	3.4	
<u>trawler</u>							
<u>Surie-Sklodowska (B-21)</u>	9	6.3					
<u>trawler</u>							
<u>Wetter (B-25)</u>	11	2.2					
<u>fishing base</u>							
<u>Everodvinsk (B-62)</u>	4	42.4	4	42.4			
Total	39	82.1	12	60.6	18	15.2	
							2
							6.3

Table 13

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Poland, by Shipyard  
1960

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons				Cumulative Construction Through 1960	Sino-Soviet Bloc Countries				Distribution		
			LSD	DWT	GRT			USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	
												Number	Country	
<u>Onbass (B-31)</u>														
Gdansk Shipyard	11	<u>Moredvod Kuzcov</u> <u>Klets</u> <u>Shantar</u> <u>Boshnilyakov</u> <u>Bielsk</u> <u>Leblon</u> <u>Icarai</u> <u>Mosqueiro</u> <u>Guarujá</u> <u>Traceme</u> <u>Itapua</u>	24,200	55,220	42,020	82	5	x a/	x	x	x	x	6	Brazil
Marceli Nowotko (B-54)														
A. Warski, Szczecin	2	<u>Janek Krasicki</u> <u>Jadwiga Solska</u>	10,840	21,660	19,800	2							2	
Gdansk Shipyard	5	<u>Pekin</u> <u>Hanoi</u> <u>Partizan Bonivur</u> <u>Leblon</u> <u>Lesozavodsk</u>	27,100	54,150	49,500	20							2	
Total Marcelli Nowotko	7		37,940	75,810	69,300	22							4	
		Each "x" designates the destination of the ship.												

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Table 13

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Poland, by Shipyard  
1960  
(Continued)

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons				Cumulative Construction Through 1960	Distribution				Non-Bloc Countries Number	Country
			LSD	DWT	GRT	USSR		Poland	East Germany	Communist China	Other Bloc Countries		
<u>Gdynia (B-55)</u>													
A. Warski, Szczecin	3	<u>Legnicka</u> <u>Swidnicka</u> <u>Bydgoszcz</u>	8,130	17,730	16,140	10							
<u>Gdynia (B-57)</u>													
Paris Commune, Gdynia	2	<u>Chocik</u> <u>Skiernka</u>	1,360	1,830	1,000	4							
<u>Rivava (B-59)</u>													
A. Warski, Szczecin	5	<u>Ojcow</u> <u>Olkusz</u> <u>Sejar</u> <u>Sepaudji</u> <u>Sanchine</u>	13,200	21,400	14,850	7							
<u>Sambutan (B-471)</u>													
Paris Commune, Gdynia	6	<u>Rambutan</u> <u>Dukuh</u> <u>Duren</u> <u>Duret</u> <u>Dierik</u> <u>Laugast</u>	4,110	5,610	4,080	6							

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Table 13

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Poland, by Shipyard  
 1960  
 (Continued)

Class of Ship and Shipyard	Number of Ships	Names of Ships	Units						
			Tons			Distribution			
			LSD	DWT	GRT	Sino-Soviet Countries	East Germany	Communist China	Other Bloc Countries
in (B-513)									
Paris Commune, Gdynia	2	Wolin b/ Koszalin b/	3,230	3,150	2,540	2	2		
Argoles (B-514)									
Mazansk Shipyard	4	Vologda Komiles Dvinoles Severoles	13,780	23,220	16,800	4	4		
Grand total.	10		105,950	203,970	166,730	137	12	13	15
Partly refrigerated, including 1,320 cubic meters of refrigerated space.									

Table 14

Estimated Number and Distribution of Fishing Ships Constructed by Poland, by Shipyard  
1960

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units						Distribution					
			Tons			Cumulative Construction Through 1960			Sino-Soviet Bloc Countries			Non-Bloc Countries		
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Number	Countries	Number	
<b>Trawler</b>														
Flenodolski (B-14)														
Paris Commune, Gdynia	11	Metrostroy Murmashii Mologverdiesk Murmanskin Mavieldot Nurzec Kaczewa Karwia Krepina Nidica Hancza	11,990	5,445	7,480	78	5	5	6	x	x	x	x	x
<b>Fish-factory trawler</b>														
Leskov (B-15)														
Gdansk Shipyard	4	Leskov Kuprin Goncharov Dalmor	9,060	4,880	10,680	4	3	3	1	x	x	x	x	x

Each "x" designates the destination of the ship.

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Table 14  
Estimated Number and Distribution of Fishing Ships  
in 1960  
(Continued)

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Table 15

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by East Germany  
1960

Type	Number	Tons		Million 1960 US \$							
		LSD	DWT	GRT	Value	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries
		Distribution						Sino-Soviet Bloc Countries			
Maritime											
Cargo	39	81,010	152,390	122,960	117.9	79.2		29.4		3.0	North Vietnam
Tankers	3	1,200	2,400	4,200	2.1						
Miscellaneous	35	27,175	12,060	30,390	49.0	49.0					
Total Maritime	77	<u>109,385</u>	<u>166,850</u>	<u>157,550</u>	<u>169.0</u>	<u>128.2</u>					
Fishing											
Trawler	93	<u>43,515</u>	<u>23,595</u>	<u>46,300</u>	<u>65.1</u>	<u>63.7</u>					
Land-waterway											
Self-propelled	22	(17,400 horsepower)			<u>13.8</u>	<u>12.0</u>					
Grand total	192				<u>247.9</u>	<u>203.9</u>					

Excluding a few miscellaneous small ships.



Table 17

Estimated Number and Distribution of Maritime Cargo Ships and Tankers Constructed by East Germany  
by Shipyard  
1960

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1960		Other Bloc Countries		Non-Bloc Countries	
			ISD	DWT	GRT	USSR	Poland	East Germany	Communist China	Number
<b>Cargo</b>										
<u>Andizhan</u>										
Neptune Werft, Rostock	15	Mongusj Nagaev Bel'gorj Chelyabinsk Bikin Khorol Razdelnove Yasnonorsk Anata Murmash Mgs. Varino Repin Sinegorsk Makhtra	31,500	63,450	50,400	31	15			
<u>Bratsk</u>										
Peenewerft, Wolgast	1	Bratsk	1,180	1,280	2,900	1	1			

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Table 17

Estimated Number and Distribution of Maritime Cargo Ships and Tankers Constructed by East Germany  
by Shipyard  
1960  
(Continued)

	Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1960			Sino-Soviet Bloc Countries			Other Bloc Countries			Non-Bloc Countries		
				LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Number	Country	Number	Country	Number	Country		
													Units			Distribution		
Cargo (Continued)	Dzhankoy	6	Dzhankoy Dobrusch Dubro Dubossary Debal'usovo Dolmabeyoglu	25,680	50,190	43,590												
Wartowefit, Warnemunde	Trieden	2	Karl Marxstadt Gera	11,460	19,680	13,200												
Wartowefit, Warnemunde	Trudi	3		4,170	7,770	5,430												
Neptune Werft, Rostock																3	West Germany	
															x	United Arab Republic		
															x	United Arab Republic		

Each "x" designates the destination of the ship.

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Table 17

Estimated Number and Distribution of Maritime Cargo Ships and Tankers Constructed by East Germany  
by Shipyard  
1960  
(Continued)

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units				Distribution					
			Sino-Soviet Bloc Countries				Other Bloc Countries			Non-Bloc Countries		
			Tons	GRT	Cumulative Construction Through 1960	USSR	East Germany	Communist China	Number	Country	Number	Country
Cargo (Continued)			ISD	DMT	USSR	Poland						
Star	12	Arcturus Gemma Wega Atair Denebola Deneb Merrik Sirrah Aldebaran Capenia Alegria Senedit	7,020	10,020	7,440	13			10	x		
Peenewerft, Wolgast									2	x		
Total cargo	39		<u>81,010</u>	<u>152,390</u>	<u>122,960</u>	<u>70</u>	<u>22</u>	<u>10</u>	<u>2</u>	<u>2</u>	<u>3</u>	
Tankers												
Unknown												
Peenewerft, Wolgast	3		<u>1,200</u>	<u>2,400</u>	<u>4,200</u>	<u>3</u>						

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Table 18

Estimated Number and Distribution of Maritime Miscellaneous Ships Constructed by East Germany  
by Shipyard  
1960

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units			Distribution					
			Tons			Sino-Soviet Bloc Countries			East Germany		
			LSD	DWT	GRW	USSR	Poland	China	USSR	Poland	China
<u>CIA</u> <u>MB-6060</u>	15	<u>MB-6060-6074</u>	2,175	1,500	1,950	15	15	15	15	15	15
Edgar Andre, Rothensee floating repair shop <u>EM-1101</u>	16	<u>EM-1105-1120</u>	8,320	5,200	8,960	20	20	16	16	16	16
Elberwerft, Boizenburg passenger <u>M. Kalinin</u>	4	<u>Estonia</u> <u>Latvia</u> <u>Lithuania</u> <u>Vladivostok</u>	16,680	5,360	19,480	10	10	4	4	4	4
Total	35		<u>27,175</u>	<u>12,060</u>	<u>30,390</u>	<u>45</u>	<u>35</u>	<u>35</u>	<u>35</u>	<u>35</u>	<u>35</u>

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Table 19

Estimated Number and Distribution of Fishing Ships Constructed by East Germany  
by Shipyard  
1960

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units				Distribution				Sino-Soviet Bloc Countries			
			Tons		Cumulative Construction Through 1960		USSR		East Germany		Communist China		Other Bloc Countries	
			LSD	DWT	GRT									
Brawler														
Okean														
Volkswerft, Stralsund	91		43,225	23,205	45,500		171							
Type III														
Peenewerft, Wolgast	2	Brandenburg - Ros 221 Bitterfeld - Ros 222	290	390	800		2							
Total fishing	23		43,515	23,595	46,300		173							

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Table 20

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Communist China <sup>a/</sup>  
1960

Type	Number	Million 1960 US \$									
		Distribution			Sino-Soviet Bloc Countries						
		Tons	LSD	DWT	GRT	Value	USSR	Poland	East Germany	Communist China	Other Bloc Countries
<u>Maritime</u>											
Cargo	6	9,920	22,490	15,630	14.6					14.6	
Tanker	1	2,270	4,720	3,300	3.1					3.1	
Refrigerator	1	1,000	770	1,260	1.8					1.8	
Miscellaneous	23	19,680	20,080	22,405	23.2	6.8				16.4	
Total maritime	<u>31</u>	<u>32,870</u>	<u>48,060</u>	<u>42,595</u>	<u>42.7</u>	<u>6.8</u>				<u>35.9</u>	
<u>Land-waterway</u>											
Self-propelled	N.A.	(60,000 horsepower)				36.0					
Non-self-propelled	N.A.	(155,000 tons cargo-carrying capacity)				14.0					
Total inland-waterway							<u>50.0</u>			<u>50.0</u>	
Grand total (value only)						<u>92.7</u>	<u>6.8</u>			<u>85.9</u>	

<sup>a/</sup>It is believed that a considerable number of smaller ships in the maritime, inland-waterway, and fishing categories were produced in addition to those reported in this table. Because of lack of information in these categories of production, no estimates are made.

Table 21

Estimated Value of Maritime Cargo Ships, Tankers, Refrigerator Ships, and Miscellaneous Ships  
Constructed by Communist China  
1960

		Value in Terms of Million 1960 US \$									
		Distribution									
		Sino-Soviet Bloc Countries									
Type and Class	Number	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	Number	Value	Country	Number
		Number	Value	Number	Value	Number	Value	Number	Value	Country	Number
Cargo											
Co. Ping 25	1	3.7						1	3.7		
Co. Ping 59	3	6.8						3	6.8		
Co. Ping 49	2	4.1						2	4.1		
Total cargo	6	<u>14.6</u>						6	<u>14.6</u>		
Tankers											
Chien She 9	1	<u>3.1</u>						1	<u>3.1</u>		
Refrigerator											
Naohai 1	1	<u>1.8</u>						1	<u>1.8</u>		
Miscellaneous											
Passenger											
Sheng Yung	1	4.6						1	4.6		
Min Chu 14	1	3.0						1	3.0		
Total passenger	2	<u>7.6</u>						2	<u>7.6</u>		

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Table 21

Estimated Value of Maritime Cargo Ships, Tankers, Refrigerator Ships, and Miscellaneous Ships  
 Constructed by Communist China  
 1960  
 (Continued)

Type of Class Miscellaneous (Continued)	Number	Value	Distribution						Value in Terms of Million 1960 US					
			Sino-Soviet Bloc Countries						Non-Bloc Countries					
			USSR	Poland	East Germany	Communist China	Other Bloc Countries	Country	Number	Value	Number	Value	Number	Value
Tugs														
2,000-hp	2	1.6							2	1.6				
1,200-hp	13	6.8	13	6.8										
Total tug	<u>15</u>	<u>8.4</u>	<u>13</u>	<u>6.8</u>					<u>2</u>	<u>1.6</u>				
Chargers														
3,000-DWT	2	3.6												
1,500-DWT	4	3.6												
Total barge	<u>6</u>	<u>7.2</u>							<u>6</u>	<u>7.2</u>				
Total miscellaneous	<u>23</u>	<u>23.2</u>	<u>13</u>	<u>6.8</u>					<u>10</u>	<u>16.4</u>				

Table 22

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Communist China  
by Shipyard  
1960

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1960			Sino-Soviet Bloc Countries			Non-Bloc Countries		
			LSD	DMT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries			
											Units	Distribution		
Ho Ping 25	1	Ho Ping 72	2,650	5,940	4,730									
Chiangnan Shipyard	1	Ho Ping 59	2,650	5,940	4,730									
Hutung Shipyard	2	Ho Ping 62 Ho Ping 63 Ho Ping 64	3,020	6,500	4,000									2
Shanghai Shipyard	1	Ho Ping 64	1,510	3,250	2,000									1
Total Ho Ping 59	3		4,530	9,750	6,000									3
Ho Ping 42	1	Che Hai 1 Ho Ping 65	1,370	3,400	2,450									
Chung Hua Shipyard	1	Ho Ping 65	1,370	3,400	2,450									1
Hutung Shipyard	1													
Total Ho Ping 42	2		2,740	6,800	4,900									2
Total	6		9,920	22,490	15,630									6

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Table 23

Estimated Number and Distribution of Maritime Tankers and Refrigerator Ships  
 Constructed by Communist China, by Shipyard  
 1960

				Units				Distribution					
								Sino-Soviet Bloc Countries					
				Number of Ships		Names of Ships		Tons	Cumulative Construction Through 1960	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries
Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries		
Tankers													
Chien She 9													
Dairen Shipyard	1	<u>Chien She 12</u>	2,270	4,720	3,300	2							
Refrigerator													
Liaohai 1		<u>Liaohai 1</u>	1,000	770	1,260	1							
Dairen Shipyard	1	<u>Liaohai 1</u>	1,000	770	1,260	1							

Table 24

Estimated Number and Distribution of Miscellaneous Maritime Ships  
Constructed by Communist China, by Shipyard  
1960

	Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1960		Sino-Soviet Bloc Countries					
				LSD	DWT	GRT	USSR		Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries
Passenger													
Sheng Yung	Hutung Shipyard	1	Sheng Yung	2,300	1,300	3,000	1					1	
	Min Chu 14												
	Hutung Shipyard	1	Min Chu 18	1,770	1,100	2,500	5					1	
Total passenger		2		4,070	2,400	5,500	6					2	
Sea-going tugs													
2,000-horsepower	Dairen Shipyard	2		2,000	1,000	1,800	2					2	
1,200-horsepower	Dairen Shipyard	13		6,110	4,680	6,305	60						
Total tugs		15		8,110	5,680	8,105	62					2	
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Table 25

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Hungary a/  
1960

Type	Number	Million 1960 US \$						Distribution					
		Sino-Soviet Bloc Countries						Non-Bloc Countries					
		Tons	LSD	DWT	GRT	Value	USSR	East Germany	Communist China	Other Bloc Countries	Country	Value	Country
<u>Inland-waterway</u>													
Cargo	13	13,240	19,830	16,800	20.5	18.1				2.4			Hungary
Self-propelled	24	(9,880 horsepower) (6,860 tons cargo-carrying capacity)			14.6	13.8				0.6			Austria
Non-self-propelled	7				0.6					0.6			Hungary
Total inland-waterway	31				15.2	13.8				1.2			Hungary
Grand total	44				35.7	31.9				3.6			0.2

*a/ Excluding a few miscellaneous small ships.*

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Table 26

Estimated Value of Maritime Cargo Ships Constructed by Hungary  
1960

Class	Distribution										Value in Terms of Million 1960 US\$			
	Sino-Soviet Bloc Countries													
	USSR		Poland		East Germany		China		Other Bloc Countries		Number		Value	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
sum	2	2.4							2	2.4				
Kral	10	17.0	10	17.0										
Tamansk	1	1.1	1	1.1										
Total	13	20.5	11	18.1					2	2.4				

Table 27

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Hungary  
by Shipyard  
1960

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1960			Other Bloc Countries			
			LSD	DWT	USSR	Poland	East Germany	Communist China	Non-Bloc Countries		
			Sino-Soviet Bloc Countries			Distribution			Units		
Gheorghiu-Dej, Budapest	2	<u>Padaccony</u> <u>Csepel</u>	1,400	2,500	2,600	4				2	Hungary
Keyla	10	<u>Keyla</u> <u>Elyva</u> <u>Aranayev</u> <u>Filitun</u> <u>Kidijumasa</u> <u>Tactai</u> <u>Termez</u> <u>Tumlat</u> <u>Vilkovo</u> <u>Knaapsalu</u>	11,200	16,250	13,000	10	10				
Gheorghiu-Dej, Budapest	1	<u>Ganya</u>	640	1,080	1,200	97	1				
Total	13		<u>13,240</u>	<u>19,830</u>	<u>16,800</u>	<u>111</u>	<u>11</u>				
						- 44 -					
											2
											Hungary

Ilnovsk

Table 28

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Bulgaria a/  
1960

Type	Number	Million 1960 US \$					
		Distribution					
		Sino-Soviet Bloc Countries					
		Tons					
		LSD	DWT	GRT	Value	USSR	Poland
Maritime							
Cargo	3	3,135	6,575	4,100	4.8		
Tankers	3	5,370	12,510	8,850	7.5	7.5	
Miscellaneous	1	640	165	900	1.3	1.3	
Total maritime	7	9,145	19,250	13,850	13.6	8.8	
Fishing	1	155	195	210	0.3		
Inland-waterway							
Non-self-propelled	22	(35,350 tons cargo-carrying capacity)			3.2	3.2	
Grand total	30				<u>17.1</u>	<u>12.0</u>	

a. Excluding a few miscellaneous small ships.

Table 29

Estimated Value of Maritime Cargo Ships, Tankers, Miscellaneous Ships,  
and Fishing Ships Constructed by Bulgaria  
1960

Type and Class	Sino-Soviet Bloc Countries						Non-Bloc Countries					
	USSR		Poland		East Germany		Communist China		Other Bloc Countries		Non-Bloc Countries	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Cargo												
Kenchitsya	1	0.4									1	0.4
Tarna	2	4.4									1	2.2
Total cargo	3	4.8									1	2.2
Tankers												
Oleg Koshevoy	3	7.5	3	7.5								
Miscellaneous												
G. Dimitrov	1	1.3	1	1.3								
Fishing												
Refrigerator												
Unknown	1	0.3									1	0.3

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Table 30

Estimated Number and Distribution of Maritime Cargo Ships, Tankers, Miscellaneous Ships,  
and Fishing Ships Constructed by Bulgaria, by Shipyard  
1960  
(Continued)

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units						Distribution					
			Tons			Cumulative Construction Through 1960			Sino-Soviet Bloc Countries			Other Bloc Countries		
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Non-Bloc Country	Number	Country	Number	Country
<b>Miscellaneous</b>														
Georgi Dimitrov														
Georgi Dimitrov, Varna	1	Alupka	640	165	900				2	1				
<b>Fishing</b>														
Georgi Dimitrov, Varna	1													
<b>Refrigerator</b>														
Unknown														
Georgi Dimitrov, Varna														

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Table 31

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Romania a/  
1960

Type	Number	Million 1960 US \$					
		Distribution					
		Sino-Soviet Bloc Countries			Other Bloc Countries		
Tons	LSD	DWT	GRT	Value	USSR	Poland	East Germany
Maritime							
Cargo	4	6,200	11,020	9,600	9.2		
Miscellaneous	10	3,750	3,550	4,900	6.0	6.0	
Total maritime	<u>14</u>	<u>9,950</u>	<u>14,570</u>	<u>14,500</u>	<u>15.2</u>	<u>6.0</u>	<u>9.2</u>
Inland-waterway							
Self-propelled	10	(10,000 horsepower) (10,195 tons cargo-carrying capacity)		6.0	6.0		
Non-self-propelled	11			0.9	0.9		
Total inland-waterway	<u>21</u>			<u>6.9</u>	<u>6.9</u>		
Grand total	<u>35</u>			<u>22.1</u>	<u>12.9</u>		<u>9.2</u>

a. Excluding a few miscellaneous small ships.

Table 32

Estimated Value of Maritime Cargo and Miscellaneous Ships Constructed by Romania  
1960

Value in Terms of Million 1960 US

Type and Class	Distribution						Non-Bloc Countries					
	Sino-Soviet Bloc Countries											
	USSR		Poland		East Germany		Communist China		Other Bloc Countries		Country	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Serge												
Mirad	2	2.6									2	2.6
Gelati	2	6.6									2	6.6
Total cargo	4	2.2									4	9.2
Miscellaneous												
Thugs												
Unknown	10	6.0	10	6.0								

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Table 33

Estimated Number and Distribution of Maritime Cargo and Miscellaneous Ships Constructed by Romania  
by Shipyard  
1960

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons				Cumulative Construction Through 1960				Communist China	Other Bloc Countries	Non-Bloc Countries			
			LSD	DWT	GRT	USSR	Poland	East Germany								
<u>Cargo</u>																
Arad																
Tirantu Severin, Tirantu Severin	2	Arad <u>Buzau</u>	1,480	2,160	2,400	2					2	Romania				
Galati																
Galati, Galati	2	Galati <u>Braile</u>	4,720	8,860	7,200	2					2	Romania				
Total cargo	4		6,200	11,020	9,600	4					4					
<u>Miscellaneous</u>																
Unknown class																
Galati, Galati	10		3,750	3,220	4,900	23					- 51 -					
Tugs																

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Table 34

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Czechoslovakia a/  
1960

Type	Number	Tons			Million 1960 US \$			Distribution			Sino-Soviet Bloc Countries		
		LSD	DWT	GRT	Value	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Bloc Countries	Non-Bloc Countries	
Land-waterway													
Self-propelled	18	(16,725 horsepower)			10.5		10.5						

Excluding a few miscellaneous small ships.

Table 35

Estimated Value of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries  
1960

Value in Terms of Million 1960 US \$						
Distribution						
		Sino-Soviet Bloc Countries				
Country, Type, and Class	Number	USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Bloc Countries
Denmark						
Cargo						
<u>Stenka Rizievicz</u>	1	6.2	14.1	14.1		6.2
<u>Piksi</u>	2	14.1				
Total cargo	3	<u>20.3</u>	<u>14.1</u>	<u>14.1</u>		<u>6.2</u>
Refrigerator						
<u>Pervomaysk</u>	2		6.9		6.9	
Total Denmark	5	<u>27.2</u>	<u>21.0</u>	<u>21.0</u>		<u>6.2</u>
Finland						
Cargo						
<u>Arkhangel'sk</u>	4	22.0	7.4	7.4		
<u>Turmanoy</u>	3					
Total cargo	7	<u>29.4</u>	<u>29.4</u>	<u>29.4</u>		
Tanker						
<u>Drozobitz</u>	3		8.2		8.2	
Tugs	2		7.2		7.2	
Total Finland	12	<u>44.8</u>	<u>44.8</u>	<u>44.8</u>		

Table 35

Estimated Value of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries  
1960  
(Continued)

Country, Type, and Class	Number	Value	Value in Terms of Million 1960 US \$					
			Sino-Soviet Bloc Countries			Non-Bloc Countries		
			USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Bloc Countries	Country
Italy								
Cargo								
<u>Theta</u>	<u>1</u>	<u>1.1</u>						
Japan								
Tanker								
<u>Mir</u>	<u>2</u>	<u>20.0</u>						
Netherlands								
Cargo								
<u>Benlowsky</u>	<u>1</u>	<u>2.5</u>						
<u>Adler</u>	<u>1</u>	<u>1.3</u>						
Total Netherlands								
West Germany								
Refrigerator								
<u>Aragvi</u>	<u>2</u>	<u>2.6</u>						

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Table 35

Estimated Value of Maritime Ships Constructed for the Sino-Soviet Bloc  
 by Non-Bloc Countries  
 1960  
 (Continued)

<u>Country, Type, and Class</u>	<u>Number</u>	<u>Value</u>	Value in Terms of Million 1960 US \$					
			Distribution			Sino-Soviet Bloc Countries		
			USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Bloc Countries	Non-Bloc Countries
Yugoslavia								
Cargo								
Chopin	2	<u>13.2</u>			<u>13.2</u>			
Tanker								
Karpaty	1	<u>6.7</u>			<u>6.7</u>			
Total Yugoslavia	3	<u>19.9</u>			<u>19.9</u>			
Grand total	<u>34</u>	<u>135.4</u>	<u>102.7</u>	<u>31.6</u>	<u>1.1</u>			

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1960

	Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1960			Sino-Soviet Bloc Countries			Non-Bloc Countries			
				ISD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries				
												Units	Distribution	Units		
Cargo																
	<u>Sienkiewicz</u>	1	<u>Zeromski</u>	4,040	8,500	5,290	2						1			
	<u>Elsinore</u>															
	<u>Tilks</u>															
	<u>Burmeister and Wain</u>	2	<u>Trksi</u> <u>Ussuriysk</u>	10,820	22,640	19,000	2						2			
	Total cargo	3		<u>11,860</u>	<u>31,140</u>	<u>24,290</u>	<u>4</u>						<u>2</u>		<u>1</u>	
Refrigerator																
	<u>Pervomaysk</u>															
	<u>Burmeister and Wain</u>	2	<u>Narva</u> <u>Primorski</u>	<u>4,340</u>	<u>2,960</u>	<u>6,640</u>	<u>2</u>						<u>2</u>			
	Total Denmark	5		<u>19,200</u>	<u>34,100</u>	<u>30,930</u>	<u>9</u>						<u>4</u>		<u>1</u>	

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Table 36  
 Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
 by Non-Bloc Countries, by Shipyard  
 1960  
 (Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Units		
			LSD	DWT	GRT	Sino-Soviet Bloc Countries		
			Cumulative Construction Through 1960	USSR	Poland	East Germany	Communist China	Other Bloc Countries
<b>Cargo</b>								
<u>Arkhangel'sk</u>	4	<u>Alapaevsk</u> <u>Aleksandrovsk</u> <u>Amet'yerorsk</u> <u>Atkarsk</u>	16,920	34,240	21,640	15	4	
Crichton-Vulcan								
Furmanov	3	<u>Sema 2/</u> <u>Firulya</u> <u>Fryazovo</u>	4,920	9,150	5,610	13	3	
Crichton-Vulcan								
Total cargo			<u>21,840</u>	<u>43,390</u>	<u>27,250</u>	<u>28</u>	<u>7</u>	
<b>Tankers</b>								
<u>Drogoibitz</u>								
Rauva, Repola	2	<u>Komsomolets</u> <u>Primorye</u> <u>Piriyatin</u> <u>Zoitoi Rog</u>	<u>6,300</u>	<u>13,440</u>	<u>2,900</u>	<u>16</u>	<u>3</u>	
<i>a.. Formerly Firova.</i>								

Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
 by Non-Bloc Countries, by Shipyard  
 1960  
 (Continued)

	Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units				Distribution			
				Tons		Cumulative Construction Through 1960		Sino-Soviet Bloc Countries			
				LSD	DWT	GRT	USSR	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries
Inland (Continued)											
Tugs											
Stereugushchiy											
Valmet, Helsinki	2	Slavyy (1 unknown)		2,360	1,180	2,020					2
Valmet, Turku	7	Iapolnitelny Stremiteley Rambinas Dezorniy (3 unknown)		8,260	4,130	7,070					7
Total tugs	9			10,620	5,2310	2,090					2
Total Finland	19			38,760	62,140	46,240					19
Cargo											
Tueta	1	Tueta		640	890	1,100					1
Apuania							- 58 -				

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
 by Non-Bloc Countries, by Shipyard  
 1960  
 (Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons				Units					
			LSD		GRT		Cumulative Construction Through 1960		Sino-Soviet Bloc Countries			
			DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries		
<u>Japan</u>												
<u>Tankers</u>												
<u>Mir</u>	1	<u>Mir</u>	8,590	39,370	25,000					1		
<u>Druzhba</u>												
<u>Lino</u>	1	<u>Druzhba</u>	8,590	39,370	25,000					1		
Total tankers	2		17,180	78,740	50,000					2		
Total Japan	2		17,180	78,740	50,000					2		
<u>Netherlands</u>												
<u>Cargo</u>												
<u>Beniowsky</u>	1	<u>Beniowsky</u>	4,040	13,980	7,400					1		
DeSchadel												
								- 59 -				

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
 by Non-Bloc Countries, by Shipyard  
 1960  
 (Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1960					
			LSD	DWT	Sino-Soviet Bloc Countries			USSR	Poland	East Germany
					Non-Bloc Countries	Non-Bloc Countries	Non-Bloc Countries			
<b>Netherlands (Continued)</b>										
Tankers										
Adler										
Netherlands Dock	1		7,330	24,610	16,350		1			1
Total Netherlands	2		11,370	38,590	23,750		2			1
<b>West Germany</b>										
Refrigerator										
Aragyi										
Kieler Howaldts- werke	2	Aragyi Kurakhi	6,000	13,000	10,000		2			2
Refrigerator										
Aragyi										
Kieler Howaldts- werke	2	Aragyi Kurakhi	6,000	13,000	10,000		2			2
Cargo										
Chopin										
Split	2	Moniuszko Paderewski	10,600	21,400	14,400		4			2
							- 60 -			

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Table 36

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1960  
(Continued)

Country, Type, and Class of Ship and Shipyard Yugoslavia (Continued)	Number of Ships	Names of Ships	Tons		Units					Sino-Soviet Bloc Countries	
			LSD	DWT	GRT	Cumulative Construction Through 1960	USSR	Poland	East Germany	Communist China	Other Bloc Countries
<b>Tankers</b>											
Karpatsk											
Ulyanik	1	Beskidy	6,120	19,980	13,180	3					
Total Yugoslavia	3		16,720	41,380	27,880	7					
Grand total	34		109,870	278,840	189,900	84	28	5			
							1	1	1	1	1

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Table 37

Estimated Value of Inland-Waterway Ships  
 Constructed for the Sino-Soviet Bloc by Non-Bloc Countries  
 1960

Value in Terms of Million 1960 US \$

Country and Type	Number	Distribution				Non-Bloc Countries			
		Sino-Soviet Bloc Countries		Other Bloc Countries		Non-Bloc Countries			
		USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Country	Value	Country	Value
Inland									
Self-propelled	12	4.4		4.4					
Non-self-propelled	50		9.2		9.2				
Total Finland	<u>62</u>		<u>13.6</u>		<u>13.6</u>				

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Table 38

Estimated Number and Distribution of Inland-Waterway Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1960

<u>Country and Type of Ship</u>	<u>Number</u>	<u>Horsepower (Thousands)</u>	<u>DWT (Thousands)</u>	Distribution (Thousand Horsepower) a/			
				<u>Sino-Soviet Bloc Countries</u>	<u>Poland</u>	<u>East Germany</u>	<u>Communist China</u>
<u>Inland</u>							
Self-propelled							
Tugs	4	2.4	2.4				
Barges	3	2.4	2.4				
Refrigerator barges	5	4.0	4.0				
Total self-propelled	<u>12</u>	<u>8.8</u>	<u>8.8</u>				
Non-self-propelled							
Barges	50	50	50				

Unless otherwise indicated.  
Thousand DWT.

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II. Estimated Number, Value, and Distribution of Merchant Ships  
Constructed by and for the Sino-Soviet Bloc, 1959\*

\* See the footnote on p. 3, above.

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Table 39

Summary of the Number, Value, and Distribution of Merchant Ships Constructed  
by and for the Sino-Soviet Bloc a/  
1959

		Distribution						Million 1960 US \$	
		Sino-Soviet Bloc Countries			Other Bloc Countries			Non-Bloc Countries	
Country of Origin	Type	Value	USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Country	Value	Country
<u>Sino-Soviet Bloc</u>									
USSR	Maritime								
	Cargo	19.6	19.6						
	Tankers	61.5	61.5						
	Refrigerator	18.9	18.9						
	Miscellaneous	76.9	76.9						
	Fishing	163.0	163.0						
	Inland-waterway	101.8	101.8						
Total USSR		<u>441.7</u>	<u>441.7</u>						
Poland	Maritime								
	Cargo	101.2	41.5	38.8					
	Miscellaneous	2.8	2.8						
	Fishing	67.4	43.0	24.4					
Total Poland		<u>171.4</u>	<u>87.3</u>	<u>62.2</u>				<u>22.6</u>	<u>18.3</u>

a. Excluding a few miscellaneous small ships.

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Table 39

Summary of the Number, Value, and Distribution of Merchant Ships Constructed  
by and for the Sino-Soviet Bloc  
1959  
(Continued)

Country of Origin	Type	Value	(Value)	Distribution				Million 1960 US \$
				USSR	Poland (Value)	East Germany (Value)	Communist China (Value)	
<b>Sino-Soviet Bloc (Continued)</b>								
East Germany	Maritime							
	Cargo	97.6	63.1			30.3		
	Tankers	6.0	37.6			6.0		2.1
	Miscellaneous	44.8				7.2		2.1
	Fishing	67.6	55.1			7.0		
	Inland-waterway	16.7	12.0					
Total East Germany		<u>232.7</u>	<u>167.8</u>			<u>50.5</u>		<u>14.4</u>
Communist China	Maritime							
	Cargo							
	Tankers	14.0					14.0	
	Miscellaneous	3.1					3.1	
	Inland-waterway	21.3	6.8				14.5	
Total Communist China		<u>81.4</u>	<u>6.8</u>				<u>14.6</u>	<u>- 68 -</u>

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Table 39

Summary of the Number, Value, and Distribution of Merchant Ships Constructed  
by and for the Sino-Soviet Bloc  
1959  
(Continued)

Country of Origin	Type	Distribution				Million 1960 US \$	
		Sino-Soviet Bloc Countries					
		USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)		
Sino-Soviet Bloc (Continued)							
Hungary	Maritime						
	Cargo	13.3	12.1			1.2 Hungary	
	Inland-waterway	12.2	8.3			3.0 Hungary	
Total Hungary		<u>25.5</u>	<u>20.4</u>			4.2	
Romania	Maritime						
	Tugs	6.0	6.0			0.8 Rumania	
	Inland-waterway	5.3	4.5				
Total Romania		<u>11.3</u>	<u>10.5</u>			0.8	
Bulgaria	Maritime						
	Cargo	2.2				2.2 Albania	
	Tankers	5.0					
	Miscellaneous	1.3				1.3 Bulgaria	
	Inland-waterway	2.4	2.4			- 69 -	
Total Bulgaria		<u>10.9</u>	<u>7.1</u>			3.5	

Table 39

Summary of the Number, Value, and Distribution of Merchant Ships Constructed  
by and for the Sino-Soviet Bloc  
1959  
(Continued)

Million 1960 US \$							
Distribution							
Country of Origin	Type	Sino-Soviet Bloc Countries					Non-Bloc Countries
		USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)	Other Bloc Countries (Value)	
Sino-Soviet Bloc (Continued)							
Czechoslovakia	Inland-waterway	10.5	10.5				
Subtotal Sino- Soviet Bloc		<u>985.4</u>	<u>752.4</u>	<u>63.2</u>	<u>50.5</u>	<u>74.6</u>	<u>33.6</u>
Non-Bloc							
Denmark	Maritime						
	Cargo Refrigerator	6.2	6.2				
		10.4	10.4				
Total Denmark		<u>16.6</u>	<u>16.6</u>				
Finland	Maritime						
	Cargo Tankers Tugs	29.4	29.4	13.6	13.6		
		2.7	2.7	2.7	2.7		
	Inland-waterway	11.8	11.8				- 70 -
Total Finland		<u>27.5</u>	<u>27.5</u>				

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Table 39

Summary of the Number, Value, and Distribution of Merchant Ships Constructed  
by and for the Sino-Soviet Bloc  
1959  
(Continued)

Country of Origin	Type	Value	Distribution			Million 1960 US \$
			USSR (Value)	Poland (Value)	East Germany (Value)	Communist China (Value)
<b>Non-Bloc (Continued)</b>						
Japan	Maritime					
	Cargo	5.8				5.8
	Fishing	12.0	12.0			Czechoslovakia
Total Japan		<u>17.8</u>	<u>12.0</u>			<u>5.8</u>
Sweden	Maritime					
	Tugs	3.0	3.0			
Yugoslavia	Maritime					
	Cargo	13.2	13.2	6.7		6.7
	Tankers	13.4				Czechoslovakia
Total Yugoslavia		<u>26.6</u>		<u>19.2</u>		<u>6.7</u>
Subtotal Non-Bloc		<u>121.5</u>	<u>89.1</u>			<u>6.7</u>
Grand total		<u>1,106.9</u>	<u>841.5</u>	<u>83.1</u>	<u>50.5</u>	<u>12.5</u>
						<u>23.6</u>
						<u>33.6</u>
						- 71 -

Table 40

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by the USSR a/  
1959

Type	Number	Million 1960 US \$					
		Tons			Distribution		
		LSD	DWT	GRT	USSR	Poland	Sino-Soviet Bloc Countries
<b>Maritime</b>							
Cargo	4	15,060	38,880	29,980	19.6	19.6	
Tankers	16	53,150	132,160	96,020	61.5	61.5	
Refrigerator	3	12,350	10,620	14,270	18.9	18.9	
Miscellaneous	N.A.	31,950	N.A.	29,940	76.9	76.9	
Total maritime	23 b/	112,510	181,660 b/	170,210	176.9	176.9	
<b>Fishing</b>							
Fish-factory trawlers	11	25,560	14,080	34,870	38.3	38.3	
Whale catchers	1	16,830	26,280	32,020	25.2	25.2	
Trawlers, seiners, and the like	11	10,340	3,410	9,240	16.5	16.5	
N.A.	68,400	N.A.	60,000	83.0	83.0	83.0	
Total fishing	N.A.	121,090	N.A.	136,130	163.0	163.0	
<b>Inland-waterway</b>							
Self-propelled	N.A.	(130,700 horsepower) (260,000 tons cargo-carrying capacity)		78.4	78.4		
Non-self-propelled	N.A.			23.4	23.4		
Total inland-waterway				101.8	101.8		
Grand total (value only)				441.7	441.7		

a. Excluding a few miscellaneous small ships.

b. Excluding one passenger ship, one icebreaker, one research ship, and an unknown number of tugs.

Table 41

Estimated Value of Maritime Cargo Ships, Tankers, Refrigerator Ships,  
and Miscellaneous Ships Constructed by the USSR  
1959

Value in Terms of Million 1960 US									
Distribution									
Sino-Soviet Bloc Countries									
Type and Class	Number	Value	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	
	Number	Value	Number	Value	Number	Value	Number	Value	Number
Cargo									
<u>Leninskiy Komsomol</u>	2	14.9	2	14.9					
<u>Znzhener Belov</u>	2	4.7	2	4.7					
Total cargo	4	19.6	4	19.6					
Tankers									
<u>Sazbek</u>	7	36.5	7	36.5					
<u>Lexin</u>	1	9.2	1	9.2					
<u>Novobi</u>	3	3.3	3	3.3					
<u>Leg Koshevoy</u>	5	12.5	5	12.5					
Total tankers	16	61.5	16	61.5					
Refrigerator									
<u>Rostovastopol</u>	2	14.3	2	14.3					
<u>Odessa</u>	1	4.6	1	4.6					
Total refrigerator	3	18.9	3	18.9					

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Table 41

Estimated Value of Maritime Cargo Ships, Tankers, Refrigerator Ships,  
and Miscellaneous Ships Constructed by the USSR  
1959  
(Continued)

Distribution							Value in Terms of Million 1960 US \$							
		Sino-Soviet Bloc Countries				Communist			Other Bloc Countries			Non-Bloc Countries		
Type and Class	Number	Value	Number	Value	USSR	Poland	East Germany	China	Number	Value	Country	Number	Value	Country
Miscellaneous														
Miscellaneous passenger	1	5.4	1	5.4	Kirgizstan									
Hydrographic survey					Voyekov									
Icebreaker	1	3.5	1	3.5	Lenin									
Tugs					Various	N.A.	18.0	N.A.	18.0					
Total maritime	<u>23</u>	<u>91</u>	<u>176.9</u>	<u>23</u>	Total miscellaneous	<u>N.A.</u>	<u>76.2</u>	<u>N.A.</u>	<u>76.2</u>					
					Total maritime	<u>23</u>	<u>91</u>	<u>176.9</u>	<u>23</u>	<u>a/</u>	<u>176.9</u>			

Excluding one passenger ship, one icebreaker, one research ship, and an unknown number of tugs.

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Table 42

Estimated Value of Fishing Ships Constructed by the USSR  
1959

Type	Value in Terms of Million 1960 US \$									
	Distribution									
	Sino-Soviet Bloc Countries									
		USSR	Poland	East Germany	Communist China	Other Bloc Countries	Country	Number	Value	Country
		Number	Value	Number	Value	Number	Value	Number	Value	Country
fish-factory trawlers	11	38.3	11	38.3						
Whale factory	1	25.2	1	25.2						
Whale catchers	11	16.5	11	16.5						
Line like trawlers, seiners, and trawlers	N.A.	83.0	N.A.	83.0						
Total	N.A.	<u>163.0</u>	N.A.	<u>163.0</u>						

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Table 43

Estimated Number and Distribution of Maritime Cargo Ships Constructed  
by the USSR, by Shipyard  
1959

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959						Sino-Soviet Bloc Countries				Non-Bloc Countries			
			LSD	DWT	GRT	USSR		Poland		East Germany		Communist China		Other Bloc Countries		Non-Bloc Countries			
						Distribution		Units											
<u>Leninskiy Komsomol</u>	1	<u>Leninskiy Komsomol</u>	5,960	15,790	12,090	1													
No. 102, Kherson	1																		
No. 444, Nikolayev	1	<u>Fizik Lebedev</u>	5,960	15,790	12,090	1													
Total	2		<u>11,920</u>	<u>31,580</u>	<u>24,180</u>	<u>2</u>													
<u>Inzhener Belov</u>	2	<u>Kaspi Baku</u>	<u>3,140</u>	<u>7,300</u>	<u>5,800</u>	<u>2</u>													
Mordovshchikovo																			
Navashino																			
Total	4		<u>15,060</u>	<u>38,880</u>	<u>29,980</u>	<u>4</u>													

a. Assigned to Caspian Sea service.

Table 44

Estimated Number and Distribution of Maritime Tankers Constructed  
by the USSR, by Shipyard  
1959

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons				Units				
			ISD	MT	GRT	Cumulative Construction Through 1959					
						USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries
<b>Kadek</b>											
No. 194, Leningrad	3	Yekaterinburg Yessentuki Yens	14,220	33,750	24,690	21	3				
No. 102, Kherson	4	Komsomolets Tbilisi Elista Izraslav	18,960	45,000	32,920	26	4				
Total	7		33,180	78,750	57,610	60	7				
<b>Pekin</b>											
No. 189, Leningrad	1	Pekin	2,160	22,980	21,260	1	1				
<b>Khobi</b>											
No. 190, Leningrad	3		1,860	2,580	2,100	45	3				
<b>Oleg Koshevoy</b>											
Mordovshchikovo Navashino	5		8,950	20,890	14,150	21	5	b/			
Total	16		53,150	132,160	96,020	127	16				

a. Including 13 tankers produced by Shipyard No. 44, Nikolayev.  
b. Assigned to Caspian Sea service; probably includes 1 water carrier.

Table 45

Estimated Number and Distribution of Maritime Refrigerator Ships Constructed  
by the USSR, by Shipyard  
1959

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1959		Sino-Soviet Bloc Countries		
			LSD	DWT	GRt	USSR	Poland	East Germany	Communist China
<u>Sevastopol</u>									
No. 189, Leningrad	2	<u>Sevastopol</u> <u>Kaliningrad</u>	9,500	8,160	11,040	2		2	
<u>Tavriya</u>									
Black Sea area	1	<u>Tavriya</u>	2,850	2,460	3,230	1		1	
Total	3		<u>12,350</u>	<u>10,620</u>	<u>14,270</u>	<u>3</u>		<u>3</u>	

Table 46

Estimated Number and Distribution of Miscellaneous Maritime Ships Constructed  
by the USSR, by Shipyard  
1959

	Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Units			
				ISD	DWT	GRT	Distribution			
							USSR	Poland	East Germany	Sino-Soviet Bloc Countries
<u>Passenger</u>										
<u>Kirgizstan</u>	No. 190, Leningrad	1	<u>Kirgizstan</u>	2,340	570	3,220	1	1		
<u>Icebreaker</u>										
<u>Lenin</u>	No. 194, Leningrad	1	<u>Lenin</u>	12,310	3,440	10,000	1	1		
<u>Hydrographic Research</u>										
<u>Voyeykov</u>	No. 444, Nikolayev	1	<u>A.I. Voyeykov</u>	2,300	N.A.	3,220	1	1		
<u>Tugs</u>	Various	N.A.		15,000	N.A.	13,500	N.A.	N.A.		
Total		N.A.		<u>31,950</u>	N.A.	<u>29,940</u>	N.A.	N.A.		- 79 -

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Table 47

Estimated Number and Distribution of Fishing Ships Constructed by the USSR, by Shipyard  
1959

				Units		Distribution			Sino-Soviet Bloc Countries						
				Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1959		USSR	Poland	East Germany	Communist China	Other Bloc Countries	BLOC Countries
						LSD	DWT	GRT							
Fish-factory trawlers	No. 444, Nikolayev	11	Turgenev Korolenko Roltsov Krylov Gleb Uspenskiy Sergey Yesenin Krieyvanis Valdemars Stanikovich Taras Shevchenko Rudolf Blakmanis Lyndas Gira	25,520	14,080	34,870	19	11							
Hhale factory	No. 444, Nikolayev	1	Sovetskaya Ukraina	16,830	26,280	32,020	1	1							
Hhale catchers	No. 445, Nikolayev	11		10,340	3,410	9,240	31	11							
Trawlers, seiners, and the like	Various	N.A.		68,400	N.A.	60,000	N.A.	N.A.							
Total		N.A.		121,090	N.A.	136,130	N.A.	N.A.		- 80 -					

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Table 48

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Poland <sup>a/</sup>  
1959

Type	Number	Million 1960 US \$									
		Distribution									
		Sino-Soviet Bloc Countries					Non-Bloc Countries				
		Tons	LSD	DWT	GRT	Value	USSR	Poland	East Germany	Communist China	Country Value
Cargo	29	73,930	150,120	126,150	101.2	41.5	38.8				Albania 18.3
Miscellaneous	4	2,000	1,100	2,120	2.8	2.8					Brazil
Total maritime	33	<u>75,930</u>	<u>151,220</u>	<u>128,270</u>	<u>104.0</u>	<u>44.3</u>	<u>38.8</u>				
Fishing	34	<u>46,920</u>	<u>40,125</u>	<u>45,470</u>	<u>67.4</u>	<u>43.0</u>	<u>24.4</u>				
Grand total	67	<u>122,850</u>	<u>191,345</u>	<u>173,740</u>	<u>171.4</u>	<u>87.3</u>	<u>63.2</u>				
											<u>18.3</u>

Excluding a few miscellaneous small ships.

Table 49

Estimated Value of Maritime Cargo Ships Constructed by Poland  
1959

Value in Terms of Million 1960 US \$

Class	Number	Value	Distribution						Non-Bloc Countries	
			Sino-Soviet Bloc Countries			Other Bloc Countries				
			USSR	Poland	East Germany	Communist China	Number	Value		
<u>Bonbase</u> (B-31)	10	31.0	9	27.9						
<u>Malym</u> (B-32)	1	2.6								
<u>Wsch</u> (B-51)	4	4.8								
<u>Marcelli Nowotko</u> (B-54)	5	34.0	2	13.6	3	20.4				
<u>Gdynica</u> (B-55)	5	19.0				1	3.8			
<u>Koplana</u> (B-57)	2	2.4				2	2.4			
<u>Rivna</u> (B-59)	2	7.4				2	7.4			
Total	29	101.2	11	41.5	12	38.8				
							1	2.6		
								5	<u>18.3</u>	

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Table 50  
Estimated Value of Maritime Miscellaneous Ships Constructed by Poland  
1959

Value in Terms of Million 1960 US \$						
Distribution						
Sino-Soviet Bloc Countries						
Type and Class	Number	Value	Number	Value	Number	Value
USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	
Gorec (B-61)	4	2.8	4	2.8		
Tugs						

Table 51  
Estimated Value of Fishing Ships Constructed by Poland  
1959

Value in Terms of Million 1960 US \$									
Distribution									
Sino-Soviet Bloc Countries									
Type and Class	Number	Value	Number	Value	USSR	Poland	East Germany	China	Other Bloc Countries
Zelenodolsk (B-14) Frigate	21	33.6	7	11.2					
Cutter (B-25)	10	2.0							
Fishing base									
Severodvinsk (B-62)	3	31.8	3	31.8					
Total	<u>34</u>	<u>67.4</u>	<u>10</u>	<u>43.0</u>					

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Table 52

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Poland, by Shipyard  
1959

Class of Ship and Shipyard	Number of Ships	Names of Ships	Units				Distribution					
			Sino-Soviet Bloc Countries			Other Bloc Countries			Non-Bloc Countries			
			Tons	DWT	GRT	Cumulative Construction Through 1959	USSR	Poland	East Germany	China	Communist	Other
<u>Donbass</u> (B-31)												
Gdansk Shipyard	10	<u>N. Borszak</u> <u>Skipper Gek</u> <u>Adm. Sarychev</u> <u>Ivan Rabov</u> <u>Gorodetskiy</u> <u>Arkhangel'sk</u> <u>Alex. Topov</u> <u>Alex. Tereshkin</u> <u>Alex. Baranov</u> <u>Torres</u>	22,000	50,200	38,200	71	9	x a/	x	x	x	1
<u>Chulym</u> (B-32)												
A. Warski, Szczecin	1	<u>Lirija</u>	1,800	3,150	2,690	41						
<u>Osma</u> (B-51)												
Gdansk	4	<u>Ner</u> <u>Sola</u> <u>Krutynia</u> <u>Orka</u>		2,840	2,680	1,920	11					4
Each "x" designates the destination of the ship.												

Table 52

Estimated Number and Distribution of Maritime Cargo Ships Constructed by Poland, by Shipyard  
 1959  
 (Continued)

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction through 1959			USSR Poland	East Germany	Communist China	Sino-Soviet Bloc Countries			Other Bloc Countries			Non-Bloc Countries					
			LSD	DWT	GRT	Units					Distribution											
						Sino-Soviet Bloc Countries					Other Bloc Countries											
<u>Marceli Nowotko (B-54)</u>																						
Gdansk, Gdansk	5	R. Sukhanov D. Litvitsky J. Matveiko A. Warski E. Płater	27,100	54,150	49,500	15		2	x	x	x											
<u>Krynica (B-55)</u>																						
A. Warski, Szczecin	5	Olesnicka Cabo Orange Cabo Prio Cabo De Sao Regue Cabo De Santa Marta	13,550	29,550	26,900	7		1	x													
<u>Copłana (B-57)</u>																						
Paris Commune, Gdynia	2	Gdynia Kresna	1,360	1,830	1,000	2																
<u>Oliva (B-59)</u>																						
A. Warski, Szczecin	2	Oliva Orława	5,280	8,560	5,940	2																
Total	29		73,930	150,120	126,150	119		11		12								5				

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Table 53

Estimated Number and Distribution of Maritime Miscellaneous Ships Constructed  
by Poland, by Shipyard  
1959

Type and Class Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959			Sino-Soviet Bloc Countries			Non-Bloc Countries		
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	China	Non-Bloc Countries		
Gorec (B-61)	4	Adygayev Albatross Kalmyk Ossetin	2,000	1,100	2,120			5		4				
Paris Commune, Gdynia														

Table 54  
Estimated Number and Distribution of Fishing Ships Constructed by Poland, by Shipyard  
1959

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Units						
			LSD	DWT	GRT	Cumulative Construction Through 1959			Sino-Soviet Bloc Countries			
						USSR	Poland	Germany	China	Other Bloc Countries	Non-Bloc Countries	
<b>Trawler</b>												
Zelenodolsk (B-14)												
Paris Commune, Gdynia	14	Nida Kamienka Kwizza Thyssen Pawew Widawa Wolina Walimuszka Welszka Osława Odra Olza Olawa N.A.	15,260	6,930	9,520	N.A.				14		
Gdansk, Gdansk	7	Mariinsk Miednogorsk Morzytj Molodechno Morozovskij Muksashev Mcensk	7,630	3,465	4,760	N.A.			7			
Total	21		<u>22,890</u>	<u>10,395</u>	<u>14,280</u>	N.A.			<u>14</u>			

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Table 54

Estimated Number and Distribution of Fishing Ships Constructed by Poland, by Shipyard  
1959  
(Continued)

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons				Cumulative Construction Through 1959				Units			
			LSD	DWT	GRT	USSR	Poland	Best Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	Distribution		
												Sino-Soviet Bloc Countries	Stato-Soviet Bloc Countries	
Cutter (B-25)			1,350	600	1,100	12								
Repair Yard, Gdynia Fishing base	10												10	
Severodvinsk (B-62)														
Gdansk Shipyard	2	Riga Svetlogor Sovetskaya Litva	22,680	29,130	30,000	4							2	
Grand total	24		46,920	40,125	45,470	84							24	

Table 55

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by East Germany a/  
1959

Type	Number	Tons			Million 1960 US \$			
		LSD	DWT	CRT	Value	USSR	Poland	East Germany
						Sino-Soviet Bloc Countries		
Maritime								
Cargo	24	72,485	134,265	101,380	97.6	63.1		30.3
Tanker	15	2,925	4,575	4,500	6.0			6.0
Miscellaneous	19	25,355	11,850	31,400	44.8	37.6		7.2
Total maritime	58	<u>100,765</u>	<u>150,690</u>	<u>137,280</u>	<u>148.4</u>	<u>100.7</u>		<u>43.5</u>
Fishing	126	45,215	23,080	46,280	67.6	55.1		7.0
Inland-waterway								
Self-propelled	30	(22,200 horsepower)			<u>16.7</u>	<u>12.0</u>		<u>4.7</u>
Grand total	214				<u>232.7</u>	<u>167.8</u>		<u>50.5</u>
								<u>14.4</u>

a. Excluding a few miscellaneous small ships.

Table 56

Estimated Value of Maritime Cargo Ships, Tankers, Miscellaneous Ships,  
and Fishing Ships Constructed by East Germany  
1959

Value in Terms of Million 1960 US \$									
Distribution									
Sino-Soviet Bloc Countries									
Type and Class	Number	Value	Number	Value	Poland	East Germany	Other Bloc Countries	Number	Value
Cargo									
Andizhan	11	31.9	11	31.9					
<u>Uglevorsk</u>	6	31.2	6	31.2					
<u>Frieden</u>	4	28.8							
<u>Iliri</u>	2	4.2							
Star	1	1.5							
Total cargo	24	97.6	27	63.1					
Tankers									
<u>TM</u>	15	6.0							
Miscellaneous									
Passenger									
<u>M. Kalinin</u>	4	30.0	4	30.0					
<u>Sassnitz</u>	1	5.4							
Total passenger	5	35.4	4	30.0					
Floating repair shop									
<u>PM 1101</u>	4	4.0	4	4.0					
Crane ship (salvage)									
<u>Neptune</u>	3	3.6	3	3.6					

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Table 56

Estimated Value of Maritime Cargo Ships, Tankers, Tankers, Miscellaneous Ships,  
and Fishing Ships Constructed by East Germany  
1959  
(Continued)

Type and Class	Number	Value	Number	Value	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	Value in Terms of Million 1950 US \$
Distribution											
Sino-Soviet Bloc Countries											
Miscellaneous (Continued)											
Barge tender											
Unknown	1	0.6							1	0.6	
Tugs											
Unknown	6	1.2							6	1.2	
Total miscellaneous	12	<u>44.8</u>	11	<u>37.6</u>					8	<u>7.2</u>	
Fishing											
Trawler											
Okean	73	51.1	73	51.1							
Fish-factory trawler											
Berthold Brecht	1	3.4							1	3.4	
Cutter											
Narwhal	18	3.6							18	3.6	
Unknown	5	1.0									
Logger											
Unknown	9	4.5									
Seiner											
Unknown	20	4.0	20	4.0							
Total fishing	<u>126</u>	<u>67.6</u>	<u>23</u>	<u>55.1</u>					<u>12</u>	<u>7.0</u>	<u>14</u>
Grand total	<u>184</u>	<u>216.0</u>	<u>121</u>	<u>155.8</u>					<u>47</u>	<u>50.5</u>	<u>22</u>
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Table 57

Estimated Number and Distribution of Maritime Cargo Ships Constructed by East Germany  
by Shipyard  
1959

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959			Sino-Soviet Bloc Countries			Distribution		
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	Number	Country	
Neptune Werft, Rostock	11	Turkestan Saransk Salisk Zaryan Ludza Turukhansk Vilyui Revala Loisse Barabinsk Tzima Mgleuelsk	23,100	46,530	36,960			16	11					
Warnowerft, Warnemunde	6	Uritsk Usolye Urgenich Urgininsk Ust Yuzhna Ustilug	23,100	42,360	33,780			9	6					

Table 57

Estimated Number and Distribution of Maritime Cargo Ships Constructed by East Germany  
by Shipyard  
1959  
(Continued)

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons	Units				Distribution			
				Sino-Soviet Bloc Countries		Non-Bloc Countries					
				Communist China	Other Bloc Countries	East Germany	Poland	USSR	Cumulative Construction Through 1959	ISD	DWT
<u>Stralsund</u>											
Wismarwerft, Warnemunde	4	Erfurt Leipzig Halle Schwerin	22,920	39,360	26,400	11					
<u>Wismar</u>											
Neptune Werft, Rostock	2		2,780	5,180	3,620	3					
<u>Peenewerft, Wolgast</u>	1										
Total cargo	24		72,485	134,265	101,380	40	17	1	1	2	2

Each "x" designates the destination of the ship.

Table 58

Estimated Number and Distribution of Maritime Tankers and Miscellaneous Ships  
Constructed by East Germany, by Shipyard  
1959

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959			Sino-Soviet Bloc Countries			Non-Bloc Countries		
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries			
											Units	Distribution		
<b>Tankers</b>														
CIM														
Elbewerft, Boizenburg	15		2,925	4,575	4,500								15	
M. Kalinin														
Mathias Thesen Werft, Wismar	4	G. Ordzhonikidze M. Uriztskij M. Ulyanova V. Vorovskij	16,680	5,360	19,480									
Sassnitz														
Neptune Werft, Rostock	1	Sassnitz	3,360	3,360	6,500								1	
Total passenger	5		20,040	8,720	25,980	7				4			1	

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Table 58

Estimated Number and Distribution of Maritime Tankers and Miscellaneous Ships  
 Constructed by East Germany, by Shipyard  
 1959  
 (Continued)

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959	Distribution			Units		
			LSD	DWT	GRT		Sino-Soviet Bloc Countries	East Germany	Poland	USSR	Communist China	Other Bloc Countries
<i>Rating repair shop</i>												
Elbewerft, Bolzenburg	4	FM 1101 FM 1102 FM 1103 FM 1104	2,080	1,300	2,240	4	4					
Neue ship (salvage) Neptun												
Neptune Werft, Rostock	3		2,160	1,095	2,400	18	18	3				
Peenewerft, Peenewerft Unknown												
Peenewerft, Wolgast	1		355	135	300	1	1					
Peenewerft, Wolgast Unknown												
Total miscellaneous	19		720	600	480	6	6					
Grand total	34		25,355	11,850	31,400	36	36	11	11	8	8	23
			28,280	16,425	35,200	87	87					
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Table 59

Estimated Number and Distribution of Fishing Ships Constructed by East Germany  
by Shipyard  
1959

Type and Class of Ship and Shipyard	Number of Ships	Tons		Units				Distribution			
		LSD	DWT	Sino-Soviet Bloc Countries		Non-Bloc Countries		Sino-Soviet Bloc Countries		Non-Bloc Countries	
		Cumulative Construction Through 1959	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	Number	Country
<u>Ocean</u>											
Volkswerft, Stralsund	73	34,675	18,615	36,500	80	73					
Fish-factory trawler											
Berthold Brecht											
Mathias Thesen Werft, Wismar	1	2,260	1,280	3,000	1	1	1	1	1	1	
Cutter											
Narmhal											
Elbewerft, Boizenburg	18	2,160	540	1,140	18	18	18	18	18	18	
Unknown											
Volkswerft Ernst Thaelmann, Brandenburg	5	675	250	600	5	5	5	5	5	5	Iceland
Total cutter	23	2,835	790	2,040	23	23	23	23	23	23	

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Table 59

Estimated Number and Distribution of Fishing Ships Constructed by East Germany  
by Shipyard  
1959  
(Continued)

Type and Class of Ship and Shipyard	Number of Ships	Tons		Cumulative Construction Through 1959		Sino-Soviet Bloc Countries		Distribution		Units	
		LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries	Number
											Country
Logger											
Unknown											
Volkswerft, Stralsund	2	2,745	1,395	2,340	9						2
Steiner											
Unknown											
Volkswerft Ernst Thaelmann, Brandenburg	20	2,700	1,000	2,400	20						20
Grand total	126	45,215	23,080	46,280	133	93					14

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Table 60

Summary of the Number, Value, and Distribution of Merchant Ships Constructed  
by Communist China <sup>a/</sup>  
1959

Type	Number	Million 1960 US \$					
		Distribution					
		Sino-Soviet Bloc Countries			Non-Bloc Countries		
Tons		ISD	DWT	GRT	Value	USSR	Poland
Maritime							
Cargo	5	9,690	21,780	15,910	14.0		
Tankers	1	2,270	4,720	3,300	3.1		
Miscellaneous	36	14,850	9,650	19,855	21.3	6.8	
Total maritime	42	<u>26,810</u>	<u>36,150</u>	<u>39,065</u>	<u>38.4</u>	<u>6.8</u>	
Inland-waterway							
Self-propelled	N.A.	(50,000 horsepower)			30.0		
Non-self-propelled	N.A.	(145,000 tons cargo-carrying capacity)			13.0		
Total inland-waterway					<u>43.0</u>		
Grand total (value only)					<u>81.4</u>	<u>6.8</u>	<u>74.6</u>

a. It is believed that a considerable number of smaller ships (maritime, inland-waterway, and fishing) were constructed in addition to those reported in this table. Because of the lack of information on this category of construction, no estimates were made.

Table 61

Estimated Value of Maritime Cargo Ships, Tankers, and Miscellaneous Ships  
Constructed by Communist China  
1959

Value in Terms of Million 1960 US \$

				Distribution							
				Sino-Soviet Bloc Countries			Non-Bloc Countries				
Type and Class	Number	Value	Number	USSR	Poland	East Germany	Other Bloc Countries	Country	Number	Value	Country
Ho Ping 25	2	7.4					2	7.4			
Ho Ping 50	2	4.5					2	4.5			
Ho Ping 49	1	2.1					1	2.1			
Total cargo	5	14.0					5	14.0			
Tankers											
Chien She 9	1	3.1					1	3.1			
Miscellaneous											
Passenger											
Min Chu 14	3	9.0					3	9.0			
In Men 101	2	2.3					2	2.3			
Nakhimovets	16	2.2					16	2.2			
Total passenger	21	13.5					21	13.5			
Tugs											
1,200-horsepower	15	7.8					2	1.0			
Total miscellaneous	36	21.3					23	14.5			
Grand total	42	38.4					29	31.6			
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Table 62

Estimated Number and Distribution of Maritime Cargo Ships, Tankers, and Miscellaneous Ships  
Constructed by Communist China, by Shipyard  
1959

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959	Sino-Soviet Bloc Countries			Non-Bloc Countries		
			LSD	DWT	GRT		USSR	Poland	East Germany			
Ho Ping 25 Chiangmen Dairen	1	Ho Ping 58 Ho Ping 57	2,650	5,940	4,730							
Total Ho Ping 25	1		2,650	5,940	4,730							
Ho Ping 59 Hutung	2	Ho Ping 59 Ho Ping 60	5,300	11,880	9,460	4						
Total Ho Ping 59	2		5,300	11,880	9,460	4						
Ho Ping 49 Shanghai	1	Ho Ping 49	3,020	6,500	4,000	2						
Total cargo	1		3,020	6,500	4,000	2						
Tankers												
Chiien She 9 Dairen	1	Chiien She 9	2,270	4,720	3,300	1						
Total tankers	1		2,270	4,720	3,300	1						

Table 62

Estimated Number and Distribution of Maritime Cargo Ships, Tankers, and Miscellaneous Ships  
 Constructed by Communist China, by Shipyard  
 1959  
 (Continued)

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959			Distribution				
			LSD	DWT	GRT	Sino-Soviet Bloc Countries			USSR	Poland	East Germany		
						Units							
<b>Miscellaneous</b>													
Rutung	3	<u>Min Chu 15</u> <u>Min Chu 16</u> <u>Min Chu 17</u>	5,310	3,300	7,500	4							
In Men 101											3		
Rutung	2	<u>Lu Men 101</u> <u>Lu Men 102</u>	1,130	710	1,080	2							
<b>Nathimovets pass-cutters</b>													
Dairen	16		1,360	240	4,000	94					16		
Total passenger	21		7,800	4,250	12,580	100					5		

Table 62

Estimated Number and Distribution of Maritime Cargo Ships, Tankers, and Miscellaneous Ships  
Constructed by Communist China, by Shipyard  
1959  
(Continued)

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959	Sino-Soviet Bloc Countries				Non-Bloc Countries													
			LSD	DWT	GRT		USSR	Poland	East Germany	Communist China														
<b>Miscellaneous (Continued)</b>																								
<b>Seagoing tugs</b>																								
1,200-horsepower																								
Dairen	13		6,110	4,680	6,305																			
Chung Hua	2		940	720	970																			
Total seagoing tugs	15		7,050	5,400	7,275	N.A.																		
Total miscellaneous	36		14,850	9,650	19,855																			
Grand total	42		26,910	36,150	39,065	N.A.																		

Table 63

Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Hungary a/  
1959

Type	Number	Million 1960 US \$							
		Tons			Distribution				
		LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Other Bloc Countries
<u>Sino-Soviet Bloc Countries</u>									
Maritime									
Cargo	<u>12</u>	<u>7,740</u>	<u>13,130</u>	<u>14,500</u>	<u>13.3</u>	<u>12.1</u>		<u>1.2</u>	Hungary
Inland-waterway									
Self-propelled	28	(13,930 hp)			11.6	8.3			
Non-self-propelled	7	(6,860 tons cargo-carrying capacity)			0.6				
Total inland-waterway	<u>35</u>				<u>12.2</u>	<u>8.3</u>			
Grand total	<u>47</u>				<u>25.5</u>	<u>20.4</u>			

a. Excluding a few miscellaneous small ships.

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Table 64

Estimated Value of Maritime Cargo Ships Constructed by Hungary  
1959

Value in Terms of Million 1960 US \$

Class	Distribution									
	Sino-Soviet Bloc Countries									
	USSR		Poland		East Germany		Communist China		Other Bloc Countries	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Buzam	1	1.2							1	1.2
Pelnovsk	11	12.1	11	12.1						
Total	<u>12</u>	<u>13.3</u>	<u>11</u>	<u>12.1</u>					<u>1</u>	<u>1.2</u>

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Table 65

Estimated Number and Distribution of Maritime Cargo Ships Constructed  
by Hungary, by Shipyard  
1959

Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Sino-Soviet Bloc Countries					
			ISD	GRT	Cumulative Construction Through 1959		USSR	Poland	East Germany	Communist China
					Units	Distribution				
Zam										
Gheorghiu-Dej, Budapest	1	Tokaj	700	1,250	1,300	2				
Elnovsk										
Gheorghiu-Dej, Budapest	11	Pesht Jan Kreuels Roya Takely Kanin Kagul Svilyaga a/ Irgiz a/ Bira a/ Burega a/ Leg a/	7,040	11,880	13,200	96	11			
Total	12		7,740	13,130	14,500	98	11			1

Converted to Soviet naval auxiliaries, probably in the USSR.

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Table 66

Summary of the Number, Value, and Distribution of Maritime Miscellaneous Ships Constructed by Romania <sup>a/</sup>  
1959

Type	Number	Million 1960 US \$					
		Distribution					
		Sino-Soviet Bloc Countries					
		Tons					
		LSD	DWT	GRT	Value	USSR	Poland
Tugs	10	3,750	3,550	4,900	6.0	6.0	
Inland-waterway							
Self-propelled	15			(7,620-horsepower) (10,195 tons cargo-carrying capacity)	4.4	3.6	
Non-self-propelled	11				0.9	0.9	
Total inland-waterway	26				5.3	4.5	
Grand total	36				11.3	10.5	

<sup>a/</sup>Excluding a few miscellaneous small ships.

Table 67

Estimated Value of Maritime Miscellaneous Ships Constructed by Rumania  
1959

Value in Terms of Million 1960 US \$

Type and Class	Number	Value	Number	Value	Number	Value	Number	Value	Distribution		Non-Bloc Countries	
									USSR	Poland	East Germany	Communist China
Unknown	10	6.0	10	6.0								

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Table 68

Estimated Number and Distribution of Maritime Miscellaneous Ships  
 Constructed by Rumania, by Shipyard  
 1959

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Units						
			<u>LSD</u>	<u>DWT</u>	<u>GRT</u>	Distribution			Sino-Soviet Bloc Countries			
						Cumulative Construction Through 1959	<u>USSR</u>	<u>Poland</u>	<u>East Germany</u>	<u>Communist China</u>	<u>Other Bloc Countries</u>	<u>Bloc Countries</u>
Galati, Galati	10	Unknown	3,750	3,550	4,900	43	10					

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Table 69  
 Summary of the Number, Value, and Distribution of Merchant Ships Constructed by Bulgaria a/  
 1959

Type	Number	Million 1960 US \$									
		Distribution				Sino-Soviet Bloc Countries					
		Tons	LSD	DWT	GRT	Value	USSR	Poland	East Germany	Communist China	Other Bloc Countries
<b>Sovietime</b>											
Cargo	1	1,470	3,100	1,940	2.2						2.2
Tankers	2	3,580	8,340	5,900	5.0						
Miscellaneous	1	640	165	900	1.3						
Total maritime	4	5,690	11,605	8,740	8.5						3.5
<b>Land-waterway</b>											
Non-self-propelled	17	(26,510 tons cargo-carrying capacity)				2.4					
Grand total	21					10.9	7.4				3.5

Excluding a few miscellaneous small ships.

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Table 70

Estimated Value of Maritime Cargo Ships, Tankers, and Miscellaneous Ships  
Constructed by Bulgaria  
1959

Type and Class	Number	Value	Distribution						Value in Terms of Million 1960 US \$					
			Sino-Soviet Bloc Countries						Non-Bloc Countries					
			USSR		Poland		East Germany		Communist China		Other Bloc Countries		Country	
Cargo			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Tankers	1	2.2											1	2.2
Passenger														
Total	2	5.0	2	5.0										
G. Dimitrov	1	1.3											1	1.3
Grand total	4	8.5	2	5.0									2	3.5

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Table 71

Estimated Number and Distribution of Maritime Cargo Ships, Tankers,  
and Miscellaneous Ships Constructed by Bulgaria, by Shipyard  
1959

Type and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons	Units					
				Distribution			Sino-Soviet Bloc Countries		
				Cumulative Construction Through 1959	USSR	Poland	East Germany	Communist China	Number
<u>Tankers</u>									
Varna	Georgi Dimitrov,	1	1,470	3,100	1,940	3			1
			G.K. Skander- berg						
<u>Miscellaneous</u>									
Oleg Koshevoy	Georgi Dimitrov,	2	3,580	8,340	5,900	2	2		
			Varna,						
<u>Passenger</u>									
Georgi Dimitrov	Georgi Dimitrov,	1	Vasil Kolarov	640	165	900	2		
			Varna,						
Grand total		4	5,690	11,605	8,740	7	2		2
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Table 72

Summary of the Number, Value, and Distribution of Merchant Ships Constructed  
by Czechoslovakia <sup>a/</sup>  
1959

Type	Number	Tons				Million 1960 US \$				Distribution			
		ISD	DWT	GRT	Value	Sino-Soviet Bloc Countries							
						East Germany	Poland	USSR	China	Other Bloc Countries	Non-Bloc Countries	Communist	Germany
Inland-waterway													
Self-propelled	18			(16,725 horsepower)		10.5		10.5					

<sup>a/</sup>Excluding a few miscellaneous small ships.

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Table 73

Estimated Value of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries  
1959

Value in Terms of Million 1960 US \$

Country, Type, and Class	Distribution											
	Sino-Soviet Bloc Countries											
	USSR			Poland			East Germany			Other Bloc Countries		
Cargo	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Sienkiewicz	1	6.2	1	6.2								
Refrigerator												
Pervomaysk	3	10.1	3	10.4								
Total Denmark	4	16.6	4	16.6								
Cargo												
Arkhangelsk	4	22.0	4	22.0								
Furmanov	3	7.4	3	7.4								
Total cargo	7	29.4	7	29.4								
Tankers												
Drogobitz	5	13.6	5	13.6								
Salvage tugs												
Stereoznachiy	1	0.8	1	0.8								

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Table 73

Estimated Value of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries  
1959  
(Continued)

	Country, Type, and Class	Number	Value	Distribution								Value in Terms of Million 1960 US \$		
				Sino-Soviet Bloc Countries				Non-Bloc Countries						
		USSR	Poland	East Germany	Communist China	Other Bloc Countries	Number	Value	Number	Value	Country	Number	Value	Country
Finland (Continued)														
Seagoing tugs														
Appollon	1	1.2	—	1.2										
Total Finland	<u>17</u>	<u>45.7</u>	<u>17</u>	<u>45.7</u>										
Japan														
Cargo														
Kledno	1	5.8												
Fishing														
Lemut (herring factory)	2	10.8	2	10.8										
Dnepr (tuna fisher)	2	1.2	2	1.2										
Total fishing	4	<u>12.0</u>	4	<u>12.0</u>										
Total Japan	5	<u>17.8</u>	4	<u>12.0</u>								1	<u>5.8</u>	

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Table 73

Estimated Value of Maritime Ships Constructed for the Sino-Soviet Bloc  
 by Non-Bloc Countries  
 1959  
 (Continued)

Country, Type, and Class	Number	Value	Sino-Soviet Bloc Countries				Non-Bloc Countries			
			USSR	Poland	East Germany	Communist China	Other Bloc Countries	Country	Number	Value
Sweden										
Salvage tugs										
Panir	3	<u>3.0</u>		3	<u>3.0</u>					
Yugoslavia										
Cargo										
Chopin	2	<u>13.2</u>					2	<u>13.2</u>		
Tankers										
Karpaty	2	<u>13.4</u>					1	<u>6.7</u>		
Total Yugoslavia	4	<u>26.6</u>					3	<u>19.9</u>		
Grand total	33	<u>109.7</u>		28	<u>77.3</u>		3	<u>19.2</u>		

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Table 74

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1959

Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons			Cumulative Construction Through 1959			Other Bloc Countries			Non-Bloc Countries		
			LSD	DWT	GRT	USSR	Poland	East Germany	Communist China	Number	Country			
											Units	Distribution	Sino-Soviet Bloc Countries	
Cargo														
Siemkiewicz	1	Siemkiewicz	4,040	8,500	5,290	1								
Elsinore														
Pervomaysk	3	Pervomaysk Neva Yulius Yannanis	6,710	4,440	2,960	3								
Burmeister and Wain														
Total Denmark	4		10,750	12,940	15,250	4								
Refrigerator														
Arkhangel'sk	4	Kirovodsk Strelensk Berdiansk Dolinsk	16,920	34,240	21,640	11								
Crichton-Vulcan														
Tugboat														

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Table 74

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1959  
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons		Cumulative Construction Through 1959		Sino-Soviet Bloc Countries			Non-Bloc Countries		
			LSD	DWT	USSR	Poland	East Germany	Communist China	Other Bloc Countries	Number	Country	
			Distribution		Units							
Furmanor												
Crichton-Vulcan	3	<u>Rezaabad</u> <u>Farab</u> <u>Taleshty</u>	4,920	9,150	3,610	10	3					
Total cargo tankers	1		<u>21,840</u>	<u>13,390</u>	<u>25,250</u>							
Drogobitz												
Rauma Repola	5		<u>10,500</u>	<u>22,400</u>	<u>16,500</u>							
salvage tugs												
Staryegushchiy												
Valmet	1	<u>Dekabrist</u>	<u>1,180</u>	<u>520</u>	<u>1,010</u>							

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Table 74

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1959  
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Tons				Cumulative Construction Through 1959				Sino-Soviet Bloc Countries				Other Bloc Countries				Non-Bloc Countries			
			LSD	DMT	GRT	USSR	Poland	East Germany	Communist China	Number	Country	Distribution										
												Units										
<b>Seagoing tramps</b>																						
<u>Apollon</u>	<u>4</u>	<u>M.A.</u>	<u>2,480</u>	<u>1,300</u>	<u>2,160</u>	<u>II</u>				<u>4</u>												
Crichton-Vulcan	<u>1</u>																					
Total Finland	<u>17</u>		<u>36,000</u>	<u>67,680</u>	<u>44,920</u>				<u>119</u>	<u>17</u>												
Japan																						
<u>Tango</u>																						
<u>Kladno</u>	<u>1</u>	<u>Kladno</u>	<u>4,500</u>	<u>12,250</u>	<u>8,750</u>	<u>1</u>																
Hitachi																		<u>1</u>	<u>Czechoslovakia</u>			

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Table 74

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1959  
(Continued)

Country, Type, and Class of Ship and Shipyard	Number of Ships	Names of Ships	Units					
			Distribution			Sino-Soviet Bloc Countries		
			Tons	DWT	GRT	USSR	Poland	East Germany
Fishing								
Lemut (herring factory)	2	Lemut <u>Nikolai Isenko</u>	7,200	7,720	9,960	2	2	
Hitachi								
Dnepr (tuna fisher)	2	Dnepr <u>Dnestr</u>	880	920	1,100	2	2	
Hitachi	2							
Total fishing	4		<u>8,080</u>	<u>8,640</u>	<u>11,060</u>	<u>4</u>	<u>4</u>	
Total Japan	5		<u>12,580</u>	<u>20,890</u>	<u>19,810</u>	<u>5</u>	<u>4</u>	<u>1</u>

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Table 74

Estimated Number and Distribution of Maritime Ships Constructed for the Sino-Soviet Bloc  
by Non-Bloc Countries, by Shipyard  
1959  
(Continued)

				Units		Distribution					
				Sino-Soviet Bloc Countries							
				Other Bloc Countries		Communist China		Non-Bloc Countries			
				Tons		Cumulative Construction Through 1959	USSR	East Germany	China	Number	Country
				LSD	DWT	GRT					
Sweden											
Salvage tugs											
Pemir			3	<u>Aldan</u>	<u>1,530</u>	<u>4,320</u>					
				<u>Aleutian</u>							
				<u>Arbatai</u>							
Cargo											
Chopin			2	<u>Chopin</u>	<u>21,400</u>	<u>14,100</u>					
				<u>Zamenhof</u>							
Tankers											
Ulyanik			2	<u>Komsomol</u>	<u>22,240</u>	<u>29,960</u>	<u>26,260</u>				
				<u>Ostrovava</u>							
Total Yugoslavia			4		<u>22,840</u>	<u>61,360</u>	<u>41,360</u>	<u>4</u>			
Grand total			32		<u>85,150</u>	<u>164,400</u>	<u>125,660</u>	<u>136</u>			

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Table 75

Estimated Value of Inland-Waterway Ships  
Constructed for the Sino-Soviet Bloc by Non-Bloc Countries  
1959

			Value in Terms of Million 1960 US \$											
			Distribution											
			Sino-Soviet Bloc Countries						Non-Bloc Countries					
			USSR	Poland	East Germany	Communist China	Other Bloc Countries	Country	Number	Value	Country	Number	Value	Country
			Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Finland														
Self-propelled														
Tugs			4	1.0	4	1.0								
Barges			5	1.6	5	1.6								
Total self-propelled			9	2.6	9	2.6								
Non-self-propelled														
Barges			50	2.2	50	2.2								

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Table 76

Estimated Number and Distribution of Inland-Waterway Ships Constructed  
for the Sino-Soviet Bloc by Non-Bloc Countries, by Shipyard  
1959

Country, Type, and Class of Ship	Number	Horsepower (Thousands)	Cargo-Carrying Capacity (Deadweight Tons)	Units				Distribution			
				Sino-Soviet Bloc Countries			Non-Bloc Countries				
				USSR	Poland	East Germany	Communist China	Other Bloc Countries	Non-Bloc Countries		
<b>Finland</b>											
Self-propelled											
Tugs	4	2.4					4				
Barges	5	4.0					5				
Total self- propelled	9	6.4					9				
Non-self-propelled											
Barges	20						20				

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